

Summer Session 2009

Session I	May 18 - July 10
Session II	June 15 - August 7
University Holidays	May 25 July 3
Commencement	August 8

Registration Start Dates for Summer 2009

Veterinary Medicine students:	Monday, March 23
Graduate students:	Monday, March 23 - Wednesday, March 25
All seniors:	Tuesday, March 24 - Monday, March 30
Projected juniors:	Tuesday, March 31 - Monday, April 6
Projected sophomores:	Tuesday, April 7 - Monday, April 13
Continuing freshmen:	Tuesday, April 14 - Wednesday, April 22

Registration start dates are assigned based on projected year-in-school classification (computed by combining total credits and current term credits).

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Key Dates, Deadlines, Information

Class Registration on AccessPlus

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

Academic Probation

Academic probation is an indication of very serious academic difficulty which may result in dismissal from the university. Students may be placed on academic probation as a result of either semester GPA, cumulative GPA, or both. Students who are placed on academic probation are required to develop a plan for academic improvement in consultation with their academic adviser which may include referral to the Academic Success Center. Academic probation status is not a part of the student's permanent academic record. More information about assistance and the policy go to the ISU index under Probation, Academic.

Auditing Courses

You must register for a full semester course audit by day 10 of the semester. Instructors must approve all audits. Audited courses do not count toward determining full-time student status, but are considered the same as a credit course for fee assessment purposes and maximum number of credits allowed each semester. To find out specific deadlines for partial term courses, go the ISU index under Schedule Changes, or contact the Registrar's Student Scheduling Office, 10 Enrollment Services Center, 294-2331.

Fee Payment Deadlines

Fee payment deadlines for Summer 2009 are May 20, June 20, and July 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information

If you plan to graduate Summer 2009, you need to complete a graduation application. If graduating, go to the ISU website index under Graduation and Commencement, click on students, then choose graduation application.

Registration Start Dates

Registration start dates are assigned based on projected year-in-school classification, which is 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 and time allows.

Registration Start Dates for Summer 2009

Veterinary Medicine students:	Monday, March 23
Graduate students:	Monday, March 23 - Wednesday, March 25
All seniors:	Tuesday, March 24 - Monday, March 30
Projected juniors:	Tuesday, March 31 - Monday, April 6
Projected sophomores:	Tuesday, April 7 - Monday, April 13
Continuing freshmen:	Tuesday, April 14 - Wednesday, April 22

Room Assignments

Room assignments will be available on AccessPlus class schedule on Monday, April 27. To find a map of room locations on campus go to the ISU index under Classroom abbreviations.

Schedule Changes

You can drop summer session I courses using AccessPlus Registration through Friday, May 22. You can add summer session I courses using AccessPlus Registration through Wednesday, May 20. For additional schedule change deadlines go to the ISU index under Schedule Changes.

Student Answer Center

Have a question and not sure where to go for the answer? Contact the Student Answer Center, ground floor, Beardshear. The Answer Center is open, Monday-Friday, 8 a.m.-5 p.m., or e-mail: answercenter@iastate.edu.

University Calendar Summer 2009

May 17, Sun.	<ul style="list-style-type: none"> • Last day to cancel registration for summer to avoid tuition assessment. 			
May 18, Mon.	<ul style="list-style-type: none"> • Class work begins, Session I courses. 			
May 20, Wed.	<ul style="list-style-type: none"> • Fee payment deadline for summer semester. First payment (minimum due) or payment in full. • Last day to add a Session I course without instructor's signature. • Last day to process adds or section changes for a Session I course through AccessPlus registration. 	June 20, Sat.		<ul style="list-style-type: none"> • Last day to add/drop a course or withdraw without extenuating circumstances (Session I courses). • Last day to change a Session I course to or from Pass/Not Pass. Courses changed to graded basis after May 23 count toward the total allowable P/NP credits used for graduation.
May 22, Fri.	<ul style="list-style-type: none"> • Last day to process most schedule changes without a fee; or to add/drop a Session I course without signatures of instructor and adviser. • Last day to drop a Session I course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to drop a Session I course through AccessPlus registration. • Last day to change a Session I course from Pass/Not Pass to grade without it counting toward total allowable P/NP credits used for graduation. • Last day to change a Session I course from audit to credit basis. • Last day to elect to audit a course for Summer Session I. The instructor of the course must approve an audit. • University holiday—offices closed, classes recessed. 	June 26, Fri.		<ul style="list-style-type: none"> • Fee payment deadline for summer. Second payment (minimum due). • Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee. • University holiday—offices closed, classes recessed. • Summer Session I ends. • Graduate College: last day for final oral examinations. • Last day to add/drop a course or withdraw without extenuating circumstances (Session II courses). • Last day to change a Session II course to or from Pass/Not Pass. Courses changed to graded basis after June 20 count toward the total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a summer course that is not an automatic designated repeat. • Fee payment deadline for summer semester. Final payment due. • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation. • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review. • Graduate College: last day for final submission of graduate student graduation approval slip. • Room assignments for Fall 2009 courses displayed on-line. • University bills with Fall 2009 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu. • Summer Session II ends. • Commencement. www.iastate.edu/~registrar/graduation • Final grades due in the Office of the Registrar • Grade reports available on AccessPlus.
May 25, Mon.	<ul style="list-style-type: none"> • Last day to elect to audit a course for a twelve-week, full summer course. The instructor of the course must approve an audit. • Class work begins, Session II courses. 	July 3, Fri.		
May 29, Fri.	<ul style="list-style-type: none"> • Last day to add a Session II course without instructor's signature. • Last day to process adds or section changes for a Session II course through AccessPlus registration. • Last day to process a schedule change without a fee or to drop a Session II course without signatures of instructor and adviser. • Last day to drop a Session II course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to drop a Session II course through AccessPlus registration. • Last day to change a Session II course from Pass/Not Pass to grade without it counting toward the total allowable P/NP credits used for graduation. • Last day to elect to audit a course for Summer Session II. The instructor of the course must approve an audit. • Last day to change a Session II course from audit to credit basis. 	July 10, Fri. July 17, Fri.		
June 15, Mon.		July 20, Mon.		
June 19, Wed.		July 21, Tues.		
June 19, Fri.		July 23, Thurs.		
		July 24, Fri.		
		July 25, Sat.		
		Aug. 6, Thurs.		
		Aug. 7, Fri.		
		Aug. 8, Sat.		
		Aug. 11, Tues.		
		Aug. 12, Wed.		

Resources

Admissions www.admissions.iastate.edu

General Information 100 Enrollment Services Center (515)294-5836

College Student Services Offices

Agriculture and Life Sciences 23 Curtiss 294-8653
 Business 1200 Gerdin 294-8430
 Design 297 College of Design 294-6983
 Engineering 110 Marston 294-3900
 Graduate College 1137 Pearson 294-4531
 Human Sciences 0131 MacKay 294-6466
 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

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

Registration Hold Contacts

Accounts Receivables Office 0880 Beardshear 294-7388
 Admissions 100 Enrollment Services Center 294-5836
 Dean of Students Office 1010 Student Services Building 294-1021
 Graduate College 1137 Pearson 294-4531
 International Students and Scholars 3248 Memorial Union 294-1120
 Loans Receivable 0880 Beardshear 294-8747
 Memorial Union 214 Memorial Union 294-0993
 Multicultural Student Affairs 2080 Student Services Building, 294-6338
 Registrar Student Scheduling 10 Enrollment Services Center 294-2331
 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 Enrollment Services Center, and the Student Answer Center, Ground Floor, Beardshear.

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 2007-2009* catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. 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 and wish to pursue an advanced degree or certificate program should submit a graduate application for admission.

Nondegree Students Students who wish to enroll for undergraduate or graduate courses, but do not intend to earn a degree from Iowa State, should submit the nondegree application for admission. Undergraduate courses taken as an undergraduate nondegree student may later be applied toward undergraduate degree requirements if approved by the student’s college. Graduate courses taken as an undergraduate nondegree student can NOT be used on a graduate degree program. Students who have earned a bachelor’s degree and wish to enroll in graduate level courses must apply as nondegree graduates if they have not been admitted to a graduate program. Only nine semester credits of graduate level courses taken as a nondegree graduate student may be applied toward a graduate degree if approved by the student’s program of study committee.

Summer Trial Enrollment Some students who do not meet the freshman admission requirements may be offered the opportunity to enroll during the summer session on a trial basis. This allows some students, who otherwise would be denied admission to Iowa State, an opportunity to demonstrate they are capable of successfully completing college-level courses. Students who successfully complete the summer trial enrollment will be allowed to continue their enrollment in the fall semester. For more specific information, contact the Office of Admissions.

Reentering Students Undergraduate students, both nondegree and degree seeking:
Non-international undergraduate students, both degree and nondegree seeking, who are planning to return to Iowa State University after an absence of 12 or more months must complete a reentry form. A student who has previously attended Iowa State only as a non-degree student and who now seeks to earn an undergraduate degree should complete an undergraduate application.

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Tuition and Fees area, 0460 Beardshear, at 515-294-1889, or e-mail reentry@iastate.edu. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking 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 Enrollment Services Center.

Questions about the registration process, contact:

Office of the Registrar’s Student Scheduling Office
10 Enrollment Services Center,
515-294-2331

College student services offices:

Agriculture and Life Sciences
23 Curtiss
294-8653

Business
1200 Gerdin
294-8430

Design
297 College of Design
294-6983

Engineering
110 Marston
294-3900

Graduate College
1137 Pearson
294-4531

Human Sciences
0131 MacKay
294-6466

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

Veterinary Medicine
2540 Vet Med
294-0772

- International Students* 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). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Tuition and Fees area at 0460 Beardshear Hall. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students and Scholars, 3248 Memorial Union, at 515-294-1120, or by e-mail: intlsvr@iastate.edu.
- 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.
- Approving Reentry* All reentry forms should be submitted to the Office of the Registrar, Tuition and Fees area, 0460 Beardshear Hall; or faxed to 515-294-6773 well in advance of the beginning of the term for which reentry is sought. The Office of the Registrar will process the form, or 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. Once approved, they will receive a letter from the Office of the Registrar with information about registration.
- 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, and 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 non-degree 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: reentry@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: reentry@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 Students and Scholars, 252 Memorial Union, 515-294-1120, or e-mail: intlsvr@iastate.edu.

Registration

To prepare to register for classes, you can use the following materials and information:

- Registration Worksheet, available for download through the Registrar's web site index under Forms.
- RAN (registration access number) if required by your college.
- Course information from the Schedule of Classes at <http://classes.iastate.edu/>.
- Class Schedule Planner at <http://planner.iastate.edu/>.
- Other departmental information applicable to your curriculum.

To register, follow these steps:

1 Meet with your academic adviser, who will provide the following:

- a. degree audit.
- b. guidance in course selection
- c. Registration Authorization Card, with RAN, if applicable.

2 Choose specific sections for each course you want to take. In most cases, your adviser will not be involved in selecting meeting times. You can use the Schedule of Classes (<http://classes.iastate.edu/>) and Class Schedule Planner (<http://planner.iastate.edu/>) to plan your schedule.

3 Review your registration start date/time information and any registration hold information on AccessPlus, under Current Information. You must resolve holds on your registration in order to register for classes.

4 Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus beginning Tuesday, March 24.

5 Remember to pay your fees. Registration is not complete until all fees are paid, including, tuition, room and board and other university charges. View your university bill on AccessPlus. Failure to view your account on AccessPlus will not exempt you from late penalties or from having a hold placed on your registration. If you have questions, call 515-294-7388.

Initiating Registration

The last day to initiate a new registration for through AccessPlus registration or the Student Scheduling Office in 10 Enrollment Services Center for Summer 2009 is Sunday, May 17.

Cancelling Registration

Notify the Office of the Registrar by 5 p.m. Friday, May 15, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, May 17, to avoid tuition assessment. For information and a cancellation form, go to the ISU index under Cancelling Registration.

RAN

The registration access number (RAN) is a confidential, personal number required by some colleges to use the registration system. Colleges that currently do not require a RAN are Business, Veterinary Medicine, and the Graduate College. Since students will be held accountable for all changes made to the schedule through AccessPlus, do not share this number. Students will be assigned a new RAN each registration period.

Registration System Abuse

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

AccessPlus Registration Tips

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

- 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 Details button on the Search page to view course section restrictions.
- If you are in a learning community, you must add the learning community reference number first before other

Schedule of Classes

<http://classes.iastate.edu/>

Schedule of Classes information can be accessed directly at <http://classes.iastate.edu/>. The 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.

Follow the instructions on the Search Tips link to assist when locating classes. The information is especially helpful if looking for courses in specific categories e.g., half term, U.S. Diversity/International Perspectives, or courses offered at a specific time of day.

Schedule Planner

<http://planner.iastate.edu/>

The Class Schedule Planner allows you to plan your schedule using courses displayed in the Schedule of Classes at www.iastate.edu.

Students can select courses and/or sections for a particular term, as well as block out unavailable class days and times. Based on those selections, Class Schedule Planner can return all possible schedules in a color coded grid format.

Though it is a web-based application, the Class Schedule Planner does not require authentication (no user ID, PIN, or password). Therefore, it is essential that students understand that this is a planner and, as such, it does not register students in courses and cannot be used to complete your registration. The application requires that students have Java on their computer. For more information see the Help link in the Class Schedule Planner.

AccessPlus

<https://accessplus.iastate.edu/>

AccessPlus is a secure and confidential campus information system that allows students to view a personalized menu from a campus or home workstation. A university ID plus a password are required to view personal information. AccessPlus is available to Iowa State University students and faculty/staff, day or night, seven days a week, from anywhere in the world. Always remember to log out of AccessPlus if using a public computer. The following is a partial list of services available on AccessPlus:

- Register for classes
- View or print a current term or future term class schedule
- View residence hall information
- Complete residence hall contract
- Choose dining plan

- Buy Dining Dollars
- Add value to CyCash
- Search for jobs on and off campus
- Sign up for direct deposit of payroll
- View payroll information
- Review, accept/decline, release financial aid
- Sign up for direct deposit of excess financial aid funds
- View, print, and pay university bill
- View or print grades
- Verify address and other personal information
- Update in-session or interim address
- Print unofficial transcript
- Order official transcript
- Print 1098T tuition summary statements for tax reports

ISU Alert

<http://isualert.iastate.edu/update.shtml>

The ISU Alert system (see <http://www.isualert.iastate.edu/>) will quickly alert Iowa State University students, faculty and staff of potentially dangerous situations on the Iowa State

University campus. For details on how to review and update your ISU Alert information see <http://isualert.iastate.edu/>.

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 when the change is entered into the registration system.

Schedule change periods are as follows:

Period 1 ends the fifth day of classes in the fall and spring semesters. 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 for some courses during Period 1. Course drops during this period do not count toward a student's ISU drop limit and will not appear on a student's permanent record. Schedule changes during period 1 may be processed through AccessPlus or presenting a Schedule Change/Restriction Waiver form to the Registrar's Student Scheduling Office, 10 Enrollment Services Center.

Period 2 ends the Friday of week 10 in the fall and spring semesters. During this period, schedule changes require signatures of adviser and instructor and are processed on a Schedule Change/Restriction Waiver form. Completed forms are processed in 10 Enrollment Services Center. A schedule change fee 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 permanent record. A section change does not require a drop.

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 permanent record. The effective date of an administrative action is the date approved by the college student services office and/or college dean of the student's college.

Period 3 begins after Period 2. Schedule changes during this period are permitted only for extenuating circumstances, may require a written statement of support from the instructor and the student, and must be approved by the college student services office and/or dean of the student's college.

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, go the ISU index under Schedule Changes, or contact the Registrar's Student Scheduling Office, 10 Enrollment Services Center, 294-2331.

-Credit Courses (required courses)

Processing a scheduling change for a required course is usually considered administrative. There is no fee for administrative schedule changes. Administrative drops do not count toward a student's ISU drop limit and do not appear as an X on the permanent record. To make a Period 3 R-credit drop administrative requires approval of the college dean.

Tuition adjustment for reduction of total credits is based on the effective date of the change. For more information on tuition adjustments, see the "Tuition and Fees" 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. The summer semester does not 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 are requested to 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 students Grade Report on AccessPlus indicates the number of drops you have left. Students are responsible for not exceeding your limit. If they attempt to drop a course beyond the limit without special permission from their college dean, the course will remain on their schedule and they will receive a grade at the end of the semester.

Summer 2009 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, go to the ISU index under Fees.

Tuition Schedule Per Semester

In effect for Summer 2009. Subject to change without notice.

Full Time Rates	Resident	Nonresident
Undergraduate (12 or more credits)	\$2,878	\$8,488
Business Juniors and Seniors (Includes \$250 differential tuition)	\$3,128	\$8,738
Engineering Juniors and Seniors	\$3,815	\$9,406
Graduate (9 or more credits)	\$3,358	\$8,908
Engineering Graduate:	\$3,869	\$9,414
Veterinary Medicine (12+ credits)	\$7,841	\$18,630

For students enrolled for less than a full course load and for the most current and complete information, see the Fee Schedule Per Credit list at www.iastate.edu/~registrar/fees.

Additional information:

Audits and zero credit courses: assessed according to contact hours; maximum charge for zero credit courses is three credit hours

R credits: assessed for the minimum fee only if no other credits are taken.

Continuous registration fee for graduate students: \$70.

Partial credits (.5): assessed on the next larger whole number of credits, e.g., 6.5 credits is assessed as 7 credits.

Saturday MBA/Des Moines MBA classes: MBA students are assessed the graduate rate plus \$113 per credit supplemental tuition fee (supplemental tuition fee subject to change without notice).

Summer session: based on per credit as indicated in the fee schedule.

Tuition assessment for study abroad credits: up to a maximum of 12 credits, is above and beyond tuition for other courses taken during the same term.

Fee Policies and Descriptions: 2009-2011

- **Des Moines MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$108 per credit supplemental tuition fee. Non-residents taking less than 4.5 credits are assessed at the resident rate.
- **Developmental courses** are assessed additional fees above and beyond tuition for other courses taken during the same term. Fee subject to change without notice.
 - Math 10 - \$468
 - Chem 50 - \$310
 - Engl 99L - \$240
 - Engl 99R - \$160
 - Frnch 97, Ger 97 and Span 97 - \$294
- **Distance education courses** are assessed at the resident rate and the 2 credit tuition minimum does not apply, with the exception of graduate level research courses.
- **Engineering Differential Tuition** – Juniors, seniors and graduate students enrolled in the College of Engineering will pay an additional tuition increment.
- **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.
- **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 credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- **Saturday MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$108 per credit supplemental tuition fee. Fees are subject to change without notice.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is \$231 for undergraduate students and \$359 for graduate students.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.

Tuition and Fees

Tuition and fees are subject to change without notice.

Payment of Fees

The Accounts Receivable Office bills students for tuition, room, meal plan, and various other university charges. A statement of new charges will be available the first of each month on their AccessPlus account. Students will receive an e-mail message at their Iowa State e-mail address telling them that their bill is available on AccessPlus. It is their responsibility to ensure that the university has a correct e-mail address and to regularly check their Iowa State e-mail account. If they are unable to use AccessPlus to view their bill, they should contact the Accounts Receivable Office to learn the amount of their account balance due. Failure to view a billing statement will not exempt them from late penalties or from having a hold placed on their registration. Payments for summer semester are due May 20. Payments for spring semester are due January 20. Payments for summer semester are due May 20.

Students may pay their university bill online using AccessPlus or they 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, Treasurer's Office, 1220 Beardshear Hall, Ames, IA 50011-2044. Payments may also be made in person in the Treasurer's Office. Payments must be received by the due date to avoid penalties.

Deferred Billing

Each term, if students do not pay their first installment in full by the due date they automatically select the deferred option, and will be charged a \$20 administrative fee. University fees may be paid in three installments each academic term. Payments for fall semester will be due August 20, September 20, and October 20. Payments for spring semester will be due January 20, February 20, and March 20. Summer fees will be due May 20, June 20 and July 20.

Past Due Accounts

If payment of the minimum due is not made by the deadline printed on the 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" will be placed on their registration until payment of the total amount due has been made. If students have past due accounts receivable charges prior to the beginning of classes, they may be dropped from enrollment if these past due charges are not paid by the Friday before the first day of class. Students that are subject to being dropped will be notified via their Iowa State e-mail account.

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 4:30p.m. Friday, May 15; or drop all of your classes through AccessPlus by 10 p.m., Sunday, May 17.

You may cancel your registration by contacting the Office of the Registrar at 515-294-1889 or go to the ISU index from www.iastate.edu under Cancelling Registration. You should make a record of the name of the person taking the call, as well as the time and date called.

Withdrawing Registration

Beginning the first day of class (Monday, May 18), students who decide not to continue attending classes must process a withdrawal form.

Students considering a withdrawal from the university should immediately consult their academic adviser to discuss reasons for the withdrawal and alternatives. Should the student still wish to withdraw, the "Request for Withdrawal" form is initiated and submitted to the student's college for approval. If approved, the student's college will forward the withdrawal form to the Office of the Registrar. The student is then withdrawn from all courses based upon the withdrawal date on the form and tuition and fees are adjusted as appropriate according to established policies approved by the Board of Regents, State of Iowa. For further information go to the ISU index under Tuition and Fees.

If a 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 the withdrawal is approved during Period 3 for a student on academic probation, the student will not be permitted to enroll the following term, except under extenuating circumstances. When a student withdraws, the attempted courses are not recorded on the permanent record and are not counted toward the student's drop limit; however, partial term courses completed prior to withdrawal will be included on a student's permanent record.

If the 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 2007-2009 catalog.

Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Summer 2009:

Withdrawal Date		Student Pays
Summer Session I	Summer Session II	
May 20	June 17	10%
May 22	June 19	25%
May 28	June 24	50%
June 1	June 26	75%
After June 1	After June 26	100%

The Tuition Adjustment Schedule will be pro-rated when courses shorter than a standard semester (79 days) are involved. See the Tuition Adjustment Schedule on the web for the most common session deadlines. Contact the Tuition and Fees area of the Office of the Registrar at 515-294-1883 or registrar@iastate.edu for questions or deadlines for courses offered during sessions that are not specifically listed on the Tuition Adjustment Schedule.

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 set fee assessment date. During the summer term the set fee date will depend upon the length of the individual course in which the student is enrolled. Students who drop below full-time before the set fee assessment date will receive a credit adjustment of 100%, with no adjustment after the term. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule. Contact the Tuition and Fees area of the Office of the Registrar for deadline related to specific courses.

Tuition Adjustment 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 will also receive a 100% adjustment if you drop on or before the first day of classes, but will also receive a 90% adjustment if they drop on the second day of classes and no adjustment after the second day of classes.

Appealing Tuition Assessments

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.

Past Due Accounts

Students having past due receivable charges may be dropped from enrollment for fall if these past due charges are not paid by the Friday before the first day of classes. A statement indicating past due charges will be shown on the June 1 billing statement.

GLOSSARY OF FEES

Activity, Services, Building and Recreation Fee

The activity, services, building and recreation fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged \$226.35 each fall and spring semester, and all students will be charged \$113.75 for the summer semester.

Exemptions are granted for students exclusively registered for the following: distance education courses (courses with section beginning with an X); continuous registration courses, or students enrolled under the Postsecondary Enrollment Options Act. Students in exemption categories named above may elect to pay this fee and will be assessed based upon their enrollment status. For students who withdraw or change to an exempt status, the tuition adjustment schedule 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 and for graduate students is \$70. This fee does not apply to special students or workshop applicants.

Computer Fee

All students will be charged a computer fee each semester. Full-time graduate and undergraduate students enrolled in the College of Engineering or students majoring in Agricultural Systems Technology or Industrial Technology are charged \$223 per semester. Full-time graduate and undergraduate students majoring in Computer Science, or Pre-Computer Science are charged \$223. Full-time undergraduate students enrolled in the College of Business except students in pre-business are charged \$135 per semester, while full-time graduate students are charged \$112 per semester. All other full-time undergraduate students will be charged the standard computer fee of \$115 per semester. Full-time graduate students will be assessed \$92. Graduate

Glossary of Fees

students with graduate assistant appointments will be assessed \$111.50 for those in the Engineering college and for those in the Computer Science department, \$65.00 for those in the Business college, and \$46.00 for all other majors, regardless of the number of credits in and the fraction of time they are on appointment. Students enrolled less than full-time are assessed prorated computer fees based upon the number of credits in which they are enrolled.

Students enrolled exclusively under the Postsecondary Enrollment Options Act; or students enrolled exclusively in courses for which no tuition is assessed are not assessed a computer fee.

Computer fee adjustment will be made according to the schedule for a reduction in credits. Refunds for credit reductions below a full time load are 100 percent through the set fee assessment date, with no refunds after that date. The tuition adjustment schedule also applies to computer fees for students who withdraw. Students who change their major will be charged the applicable computer fee for the major into which they transfer if the change occurs before the set fee assessment date. If the change occurs after the set fee assessment date, then no change in the computer fee assessment will occur. Students who are double majors will be assessed the computer fee rate for the major having the higher rate.

Graduation Fee

The \$40.00 graduation fee is assessed to students when they submit an application for graduation. The fee partially covers the cost of such items as diplomas, diploma covers, data processing, personnel, the commencement program booklet, postage and mailing costs of diplomas not distributed at commencement, and the implementation of a new degree audit system. This fee is non-refundable.

Health Facility Fee

All students are assessed an \$4 health facility fee for Summer 2009, except for students exclusively registered for the following: distance education courses; (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses, graduate students enrolled in GR ST 600, 601, Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship.

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 (Mandatory)

All students are assessed an \$49 Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses (courses with section beginning with an X); courses for which no tuition is assessed; continuous registration status courses; weekend MBA courses; Lakeside Lab or geology field camp courses; graduate students enrolled in GR ST 600, 601, Psych 597, 697, or high school students enrolled under the PostSecondary Enrollment Options Act (Chapter 261C).

Students who withdraw or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the set date with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

Students exempt from the mandatory Health Fee may use the services of the Thielen Student Health Center on a fee for service basis or may elect to pay the \$49 Health Fee and \$4 Health Facility Fee, which allows participants to receive services at the Thielen Student Health Center for the same rate as students who pay the mandatory health fee. Spouses/ domestic partners of students who wish to use the Thielen Student Health Center must pay the \$49 Health Fee and \$4 Health Facility Fee.

Contact the Thielen Student Health Center at 515-294-7523 for more information on adding the Health Fee.

New Student Programs/Matriculation Fee

A \$140 fee is assessed to all new degree-seeking students prior to admission. 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

Some courses have expenses above the cost of tuition that enhance the instruction. These fees may cover the cost of field trips, use of equipment, materials or supplies, or professional support. Applicable special course fees are listed with the specific course in the Schedule of Classes. For more information, go to the ISU index under Schedule of Classes. Special course fees also appear in each student's schedule detail available on AccessPlus.

Delivery Fees

Some distance education courses have expenses above the cost of tuition to support the added cost of distance education. Applicable delivery fees are listed with the specific course in the Schedule of Classes. Delivery fees also appear on each student's schedule under detail on AccessPlus.

Graduation

Undergraduate Students

Summer 2009 graduating seniors are encouraged to submit applications for graduation after registering in March for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center by Friday, May 9. Students will be assessed a \$40 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. 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 emailed to their ISU email address approximately four weeks before graduation. If they do not receive this information, contact the Registrar's Graduation Office, 210 Enrollment Services Center, (515)294-9372; e-mail: graduation@iastate.edu.

Undergraduate university commencement ceremony will be held jointly with the graduate ceremony on Saturday, August 9 at 9:30 a.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, 210 Enrollment Services Center, (515)294-9372 or e-mail: graduation@iastate.edu.

Teacher Licensure

Students graduating with a teaching emphasis may obtain application forms for the Iowa Teachers License in the Human Sciences Student Services Office, 0131 MacKay. Completed forms and licensure fee should be returned to Human Sciences Student Services by the end of the first week 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 result in the removal of the students' name from the graduation list for Summer 2009.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, May 9.
- Last day for graduate students to cancel graduation, by June 27. 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 the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, July 18.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, July 22. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, July 24.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Friday, July 25. This form will be sent to their major professor or department when their "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 the student's in-session address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Enrollment Services Center, of any address changes. If you do not receive this information by then, contact the Registrar's Graduation Office, 210 Enrollment Services Center, (515)294-9372 or e-mail: graduation@iastate.edu.

The Graduate College commencement ceremony will be held jointly with the undergraduate ceremony at 9:30 a.m., Saturday, August 9 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

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.

If you are considering changing their major, you may request 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 the student's 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 their freshman year.

A report of all ISU freshmen is sent to the respective high school principals. This report shows how you and their high school classmates perform in comparison to the entire ISU freshman class. For further information, contact the Office of the Registrar, 10A Enrollment Services Center.

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. Contact the Office of the Registrar, 515-294-1840 to verify status for a summer session. For more detail, please refer to the ISU index on the web under Certifications.

Transcripts

An official transcript may be ordered through AccessPlus; the Office of the Registrar, 214 Enrollment Services Center, 515-294-1840; or by faxing a downloaded form available from the ISU index under Transcripts, How to Order. Transcripts will not be issued if the student has any transcript holds for financial delinquency. Students, attending ISU after 1996, may also view their 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 their 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 2007-2009* 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 in which the course number or number of credits has changed must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the student's advisor and the head of the department offering the course. This form is also used if the course number or number of credits has changed from a previous catalog or if the course is being repeated to reduce a transfer deficiency. Process this form in the Office of the Registrar, 214 Enrollment Services Center.

For more information, please refer to the Academic Life section of the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* catalog.

Veterans Educational Assistance

Students planning to receive Veterans Educational Assistance must provide enrollment information to the V. A. clerks in the Office of the Registrar, 214 Enrollment Services Center, 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 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 policy is available through the ISU index under Information Disclosure for Students and Employees. Students with no electronic access can obtain the information from the Office of the Registrar, 214 Enrollment Services Center, 515-294-1840 or from the Office of Admissions, 100 Enrollment Services Center, 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

The Iowa State 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 they 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 Enrollment Services Center, 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 go to the ISU index under Confidential Information Policies. The office also maintains a directory of persons who normally have access to each type of student record.

Changing Their Address on 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 password are required to view personal information through AccessPlus. To change their 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 their social security number or university ID and password, 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 share access to selected personal information with 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. More information on creating third party accounts can be found at <https://accessplus.iastate.edu/frontdoor/tpa-info.jsp>.

Services for Students

Campus Parking

Vehicles operated on campus must be registered at the Parking System Office in 27 Armory. For more information go to the ISU index under Parking Division, DPS.

Students who are not Ames residents may purchase permits to park in lot 29 or 29B, if space is available. If space is not available, they can utilize the free parking and free shuttle bus at the Ann Campbell Transit Hub. These parking lots are just south of Stephens Auditorium. Students living in Ames are urged to take the Cy-Ride bus from their homes to campus.

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. For more information go to the ISU index under Child Care.

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

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; 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, 0351 Palmer Building, 515-294-3040.

Student Disability Resources

Student Disability Resources coordinates the support services that students may need in order to reach their fullest academic potential. As part of the Dean of Students Office, Student Disability Resources staff serve as a resource within the university community concerning students who have a documented disability. SDR provides information, support, counseling, education, referral, and awareness to students, faculty, staff, the Ames community, and the state of Iowa. For more information, call 515-294-7220, TTY 515-294-6635, e-mail: disabilityresources@iastate.edu, or online go to the ISU index under Disability Resources, Students.

Identification Card (ISUCard)

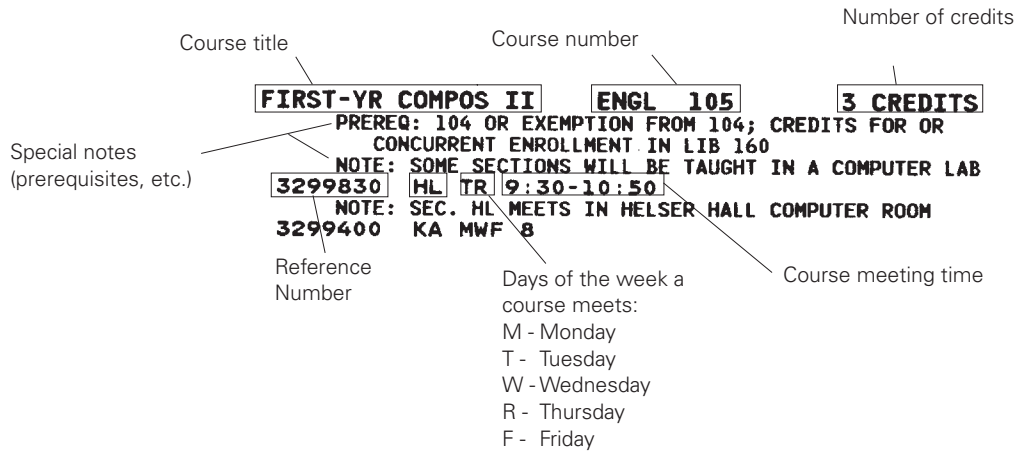
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where 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 or relationship (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 (marriage certificate, joint insurance cards or joint tax returns) to 0530 Beardshear. The cost is \$10 per card and the cards expire every year on June 30.

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.

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*.

Course Prerequisites

A prerequisite indicates the specific academic background or general academic maturity considered necessary for the student to be ready to undertake the course. Prerequisites are usually stated in terms of specific courses, but equivalent preparation is usually acceptable. It is university policy that the instructor shall inform the students at the beginning of each course if students who have not met the prerequisite requirements must drop the course. Conversely, an instructor may waive the prerequisite for a course for which he or she is responsible. Thus, permission of the instructor is understood to be an alternate to the stated prerequisites in all courses. Course prerequisites are listed in the Online Schedule of Classes as well as in the Courses and Programs section of this publication.

Course information

Auditing Courses

To audit a course means to enroll in the course without receiving credit for the course. The instructor of the course approves the audit request.

Students are assessed fees as though they are taking the course for credit, but the audited course does not count in determining full-time student status. However, an audited course does count towards the maximum allowable credits per semester. Audited courses do not apply toward V.A. benefits.

Graduate students: An audited course counts as one credit in the graduate student's allowable course load; however, fees will be assessed for the full number of credits for the course. See Index, Graduate College.

Changing status to audit: 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. After day 5 of the semester, the drop will count toward the total allowable ISU drops. The drop appears on the student's permanent record and a drop fee will be assessed to the student's university bill.

Rights and privileges: Once enrolled in an audited course, auditors have the same rights and privileges as any student taking the course for credit. Their names appear on the class list with a notation that they are auditing the course. Audited courses do not appear on the student's permanent record except by special request from the student. A request form can be downloaded from the Office of the Registrar web site at www.iastate.edu/~registrar/forms. Undergraduate students need approval from the instructor as well as their adviser, and college; graduate students need approval from the instructor as well as their major professor and the Graduate College.

Audit Deadlines

In addition to the deadlines provided below, note that instructors must approve all audits.

• Full semester courses:

Adding an audit—day 10 deadline:

- Through day 5 of classes: instructor approval required.
- Day 6-10: instructor, adviser approval required; schedule change fee applies.
- After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.

Changing status, from credit to audit—day 10 deadline:

- Through day 5 of classes: instructor approval required.
- Day 6-10: instructor, adviser, college approval required; schedule change fee applies.
- After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.

Changing status from audit to credit—day 5 deadline:

- Through day 5 of classes: instructor approval required.
- After day 5: instructor, adviser, college approval required; schedule change fee applies.

• Partial semester or summer courses:

Deadlines are determined based on the length of the course. For deadlines concerning partial term or summer courses, contact the Student Scheduling Office, 515-294-2331.

Canceled Courses

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

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.

Courses Requiring Permission

Some sections are designated in the *Schedule of Classes* as permission required. Students 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 Enrollment Services Center.

Course Descriptions

Course descriptions can be found in the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

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.

Credits Limits

For fall and spring semesters, the credit limit is 18 credits for undergraduates and 15 credits for graduate students. For summer session, the limits are 12 credits for undergraduates and 10 credits for graduate students. Requests to add credits beyond a student's credit limit will be denied. Generally, a student must drop credits before adding another course.

Students may request a change in their credit limit by contacting their adviser. Advisers should notify the student's college student services office if the credit limit needs to be changed.

Distance Education Course Information

All distance education course and program information is available under the ISU index under Distance Education. Information is added and updated frequently on the website.

Experimental Courses

Experimental courses (course numbers ending in "X") are not included in the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

Late Registration

A late registration fee is charged beginning on the first day of classes. Registration after the fifth day of classes requires written permission from instructor(s), adviser/major professor, and approval from the college office authorized to sign on behalf of the Dean.

Linked Courses

Linked courses are two-part courses (e.g., Astro 120 has a lecture section and a discussion section) where students must add both a lettered section such as A or B and a numbered section such as 1, 2, or 3, to complete the 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.

On-Campus Saturday and Evening Courses

Many on-campus evening and Saturday classes are included in the *Online Schedule of Classes* <http://classes.iastate.edu/>. To search for evening classes from the Online Schedule of Classes, enter pm in the *Section* field. All courses meeting at 5 p.m. or later will be displayed. Remember that additional offerings may be listed so students 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.

Pass-Not Pass

Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass

section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services CenterI. 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 2007-2009* catalog.

Registration Holds

If a student has a registration hold, they will not have access to register until the hold has been released by the initiating office. Go to *AccessPlus*, *Current Student Information* to view any registration holds.

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, students 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 Enrollment Services CenterI.

Room Assignments

Beginning Monday, December 8, students may find room assignments by viewing their schedule on *AccessPlus*.

Time Conflicts

University policy states that students may not enroll in courses with time conflicts without approval from the involved instructors and/or departments. The web registration system will not prevent students from scheduling time conflicts, therefore, it is the student's responsibility to check their schedule for time conflicts.

Validation of Enrollment

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

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.

Iowa Lakeside Laboratory

The Iowa Lakeside Laboratory is a field station located on approximately 140 acres of restored prairie, wetland, and gallery forest on the shore of West Okoboji Lake in northwest Iowa. The Laboratory was established in 1909 for the conservation and study of the rich flora and fauna of northwest Iowa—especially the Iowa Great Lakes region with its numerous lakes, wetlands, and prairies. It is run by the Iowa Board of Regents.

Each summer the Laboratory provides undergraduate and graduate students an exceptional opportunity to take field-oriented courses in the natural sciences (archaeology, ecology, evolution, geology, taxonomy). Specified courses for environmental science and biology teachers are also offered each summer. Most courses have individual or group field projects as well as formal lectures and discussions. Because all Lakeside courses are total immersion and meet all day, five days a week, students can take only one course at a time. Courses run for two to four weeks, except those for teachers and the Natural History Workshops which run one or two weeks. Class size for most courses is limited to ten students.

Scholarships are available to both undergraduates and graduate students. Scholarships only cover Iowa Lakeside Laboratory room and board.

Additional information about these courses as well as scholarship information and registration forms can be obtained from the Lakeside Lab website at www.continuetolearn.uiowa.edu/lakesidelab or by contacting the Iowa Lakeside Laboratory Administrative Office, 250 Continuing Education Facility, The University of Iowa, Iowa City, IA 52242-0907. Phone: (319) 353-2806 or (888) IOWAEDU (469-2338); Fax: (319) 335-2740; Email: iowalakesidelab@www.continuetolearn.uiowa.edu.

Early registration is advisable. Because enrollment in Lakeside courses is limited, students are advised to submit applications before May 1. Students should apply for housing at the same time as they register.

Natural History Workshops at Lakeside

During the 2009 summer season, Lakeside will offer three sections of the Natural History Workshop. These courses have no prerequisites and are designed to serve the needs of teachers, naturalists, conservationists, and anyone else with an interest in Iowa's natural history. Each section lasts one week. The following sections will be offered this summer:

Ia LL 493G-Prairies (June 15-19)

Ia LL 593 sect G1-Prairies (June 15-19)

Lakeside Lab Course Descriptions

The following courses will be offered at Iowa Lakeside Laboratory during summer 2009. Iowa State University course numbers are listed under the course title.

Undergraduate Internship

Ia LL 303I (NREM 303I)

Cr. 1-5. Prereq: Permission of instructor and sophomore standing. Placement with county conservation boards, camps, parks, etc., for experience as interpreters, rangers, and technicians.

Ecology

Ia LL 312I (A Ecl 312I, EnSci 312I)

Cr. 4. May 18-June 12. MTWRF 8-5.

Tom Rosburg, Drake University.

An introduction to the principles of ecology at the population, community, and ecosystem level. Field studies of local lakes, wetlands, and prairies are used to examine factors controlling distributions, interactions, and roles of plants and animals in native ecosystems.

Ornithology

Ia LL 326I (A Ecl 326I)

Cr. 4. May 18-June 12 -MTWRF 8-12.

Neil P. Bernstein, Mount Mercy college

The biology, ecology, and behavior of birds with emphasis on field studies of local avifauna. Group projects stress techniques of population analysis and methodology for behavioral, ecological, and population studies.

Plant Taxonomy

Ia LL 367

Cr. 4. June 15-July 10 MTWRF 8-5.

William Norris, Western New Mexico University.

Principles of classification and evolution of vascular plants; taxonomic tools and collection techniques; use of keys. Field and laboratory studies emphasizing identification of local flowering plants and recognition of major plant families

Watershed Hydrology and Surficial Processes

Ia LL 402I (A Ecl 402I, EnSci 402I)

Cr. 4. May 18-June 12 MTWRF 8-5.

Lee Burras, Iowa State University

Effects of geomorphology, soils, and land use on transport of water and materials (nutrients, contaminants) in watersheds. Fieldwork will emphasize investigations of the Iowa Great Lakes watershed. Prerequisites: four courses in the physical or biological sciences or engineering.

Prairie Ecology**Ia LL 422I (EnSci 422I)**

Cr. 4. June 15-July 10. MTWRF 8-5.

Daryl Smith, University of Northern Iowa

Basic patterns and underlying physical and biotic causes of both regional and local distributions of plants and animals of North American prairies; field and laboratory analyses and projects. Prerequisite: familiarity with basic principles in biological sciences and ecology.

Undergraduate Independent Study**Ia LL 490I (Anthr 490I, NREM 490I)**

Cr. 1-4.

Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.

Natural History Workshop**Ia LL 493**

Cr. 1 for each week taken. MTWRF 8-5

One- or two-week long non-technical introductions to a specific aspect of the natural history of the Upper Midwest or techniques for studying natural history.

Ia LL 493G-Prairies (June 15-19)

Undergraduate Research**Ia LL 499**

Cr. 1-4.

Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.

Freshwater Algae**Ia LL 501I (EEOB 501I)**

Cr. 4. May 18-June 12

Jim Wee, Loyola University, New Orleans

Structure and taxonomy of freshwater algae based on field collected material; emphasis on genus-level identifications, habitats visited include lakes, fens, streams, and rivers; algal ecology

Graduate Internships**Ia LL 503**

Cr. 1-5.

Prereq: Permission of instructor and graduate standing.

Placement with county conservation boards, camps, parks, schools, etc., for experience as interpreters, rangers, technicians, and teachers.

Aquatic Ecology**Ia LL 508I (EnSci 508I)**

Cr. 4. June 15-July 10. MTWRF 8-5.

Kenneth L. Lang, Humboldt University

Analysis of aquatic ecosystems; emphasis on basic ecological principles; ecological theories tested in the field; identification of common plants and animals. Prerequisite: courses in ecology, chemistry, and physics.

Conservation Biology**Ia LL 531I (EEOB 531I, A Ecl 531II)**

Cr. 4. June 15-July 10. MTWRF 8-5.

Michael Lannoo, Indiana University

Population of factors influencing the viability of plant and animal populations from both demographic and genetic perspectives; assessment of biodiversity; design and management of preserves.

Analysis of Environmental Data**Ia LL 532I**

Cr. 2. June 13-24. MTWRF 8-5.

Steve Juggins, Newcastle University

Analysis of Environmental Data will provide students with training in the theory and application of a range of statistical techniques useful for the analysis of ecological and paleoecological data. Topics will include data management, exploratory data analysis, regression analysis, direct and indirect ordination methods, classification techniques, transfer functions and the analysis of temporal data. Lectures and practical classes with hands-on-training. The course will be directed towards advanced undergraduate, graduate, and working professionals in ecology and paleoecology. Prereq: an undergraduate course in statistics, understanding of basic concepts such as correlation and regression, and familiarity with PC-based software for data analysis.

Ecology and Systematics of Diatoms**Ia LL 580I (EEOB 580I)**

Cr. 4. June 2-27. MTWRF 8-5.

Sarah Spaulding, Inst. of Arctic and Alpine Research, University of Colorado.

This course is an intensive, field-oriented class appropriate for advanced undergraduate students, graduate students, and post graduate workers in ecology, geology, environmental sciences, and diatom taxonomy. We will immerse ourselves in the diverse aquatic habitats and fossil deposits of the Upper Midwest to observe freshwater diatoms. Students will learn techniques in diatom collection, preparation, and identification. Lectures will cover taxonomy, systematics and biogeography of most freshwater genera. Students will complete individual voucher collections using modern database techniques. Students are encouraged to bring research materials. The use of diatoms in ecological and paleoecological research will be discussed. Class size is limited to ten students and early enrollment is encouraged.

Graduate Independent Study**Ia LL 590I (A Ecl 590I, Anthr 590I, EEOB 590I)**

Cr. 1-4

Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.

Iowa Lakeside Laboratory**Graduate Natural History Workshop***Ia LL 593**Cr. 1 for each week taken. MTWRF 8-5*

One-or two-week long non-technical introductions to a specific aspect of the natural history of the Upper Midwest or techniques for studying natural history.

Ia LL 593 sect. G1. Prairies (July 7-11),

Research*Ia LL 699I (A Ecl 699I, Anthr 699I, EEOB 699I, GDCB 699I)**Cr. 1-4*

Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.

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

Please provide your **university ID** _____

If they 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://classes.iastate.edu/>** for the list of classes offered for the term. Use the spaces provided below to plan the courses they want on their schedule.
- B. **Meet with your adviser** to discuss their courses and to obtain their 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

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

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

Alternative courses

_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Notes

Adviser Signature: _____ Date Approved: _____

ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CR.
 PREREQ: SOPH CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 5277005 A MTWRF 7:30-9:30
 SECT A:MAY 18-JUNE 12

FINANCIAL ACCOUNTNG ACCT 284 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE NOT OPEN TO GRADUATE STUDENTS
 1110005 A MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12

MANAGERIAL ACCOUNTG ACCT 285 3 CR.
 PREREQ: 284
 COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 1112005 A MTWRF 9:50-11:50
 SECT A:JUNE 15-JULY 10

INTMD MANAGERL ACCT ACCT 383 3 CR.
 PREREQ: 285 OR 508
 COURSE RESTRICTED TO ACCT, AG B, BUS S, BUS U,
 FIN, LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD MAJORS
 ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 1117005 A MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12

INTMED ACCOUNTING I ACCT 386 3 CR.
 PREREQ: 285 OR 508
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 1118005 A1 MTWRF 12:10-2:10
 SECT A1:JUNE 15-JULY 10
 SECTION A1 RESTRICTED TO ACCT MAJORS
 ONLY
 1118010 A2 MTWRF 12:10-2:10
 SECT A2:JUNE 15-JULY 10
 SECTION A2 RESTRICTED TO BUS S, BUS

U, FIN,
 LSCM, MGMT, MIS, MKT, OSCM
 UNDERGRAD MAJORS ONLY

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

INTRO TO AUDITING ACCT 497 3 CR.
 PREREQ: 384, 387, STAT 326
 COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 1126005 A MTWRF 9:50-11:50
 SECT A:JULY 13-AUG 7

ADV FEDERAL TAXATN ACCT 586 3 CR.
 PREREQ: 485
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7001005 A MTWRF 2:30-4:30
 SECT A:MAY 18-JUNE 12

ACCOUNTING

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

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

ADVERTISING

STRATEG PLAN AD&P R ADVRT 301 3 CR.
 PREREQ: 230 OR JL MC 220; SOPHOMORE CLASSIFICATN
 4439005 1 MTWRF 8:40-10:50 MONAHAN L
 SECT 1:JUNE 15-JULY 10
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

AEROSPACE ENGINEERING

INDEPENDENT STUDY AER E 290C 1- 2 CR.
 PREREQ: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
 2651005 ARRANGED, MAY 18-AUG 7
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

COOPERATIVE EDUC AER E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP AER E 396 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 1430005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC AER E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU A/GAS DYNAM AER E 490A 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PROPULSION AER E 490B 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU AEROS STRUC AER E 490C 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FLIGHT DYNA AER E 490D 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

AEROSPACE ENGINEERING

IND STU SPACECR SYS AER E 490E 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST FLT CONT SYS AER E 490F 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY AEROELASTI AER E 490G 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AER E 490H 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 UNIV HONORS PROGRAM MEMBERSHIP
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DESIGN AER E 490I 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU NONDESTR EV AER E 490J 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU WIND ENGINR AER E 490K 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ULTRALIGHT AER E 490L 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AER E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 398, PERMSN OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AER DYNAMCS AER E 590A 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PROPULSION AER E 590B 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPACECR SYS AER E 590E 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLIGHT CONT AER E 590F 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VISCOUS AER AER E 590H 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AEROSPACE ENGINEERING

SPL TOP COMP AERODY AER E 590K 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP OPTIMIZATN AER E 590L 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NONDESTR EV AER E 590M 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WIND ENGINR AER E 590N 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT AER E 599 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AER DYNAMCS AER E 690A 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PROPULSION AER E 690B 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AEROS STRUC AER E 690C 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLIGHT DYNA AER E 690D 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SPACECR SYS AER E 690E 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLIGHT CTRL AER E 690F 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VISCOUS AER AER E 690H 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP COMP AERODY AER E 690K 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP NONDESTR EV AER E 690L 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP WIND ENGINR AER E 690M 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP AER E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DOGE, GRADUATE CLASSIFICATN
 8131005 ARRANGED, MAY 18-AUG 7

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 MTWR 9:50-12:20
 JULY 13-AUG 7

AFRICAN AMERICAN STUDIES

ETHNIC&RACE RELATNS AF AM 330 3 CR.
 PREREQ: SOC 130 OR 134
 MEETS U.S. DIVERSITY REQMT.
 8638005 A MTWRF 8:40-10:40
 SECT A:JUNE 15-JULY 10

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, MAY 18-AUG 7

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI AGEDS 211A 1 CR.
 PREREQ: 110
 7586005 ARRANGED, MAY 18-AUG 7

FIELD EXP EXTENSION AGEDS 211B 1 CR.
 PREREQ: 110
 7594005 ARRANGED, MAY 18-AUG 7

FIELD EXP AG INDUST AGEDS 211C 1 CR.
 PREREQ: 110
 7603005 ARRANGED, MAY 18-AUG 7

SPECIAL PROBLEMS AGEDS 290 1- 3 CR.
 NO MORE THAN 6 CREDITS OF 290 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
 1270005 ARRANGED, MAY 18-AUG 7

PRESENTN STRATEGIES AGEDS 311 3 CR.
 1272005 F 2:00-5:00
 MAY 18-AUG 7

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CR.
 PREREQ: 211, JR CLASSIF IN AGEDS, INSTR PERMISSN
 MATERIALS FEE \$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV EXTENSXN EXPR AGEDS 418 2- 8 CR.
 PREREQ: 211, JR CLASSIFICTN, INSTRUCTOR PERMISSN
 MATERIALS FEE \$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1282005 ARRANGED, MAY 18-AUG 7
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

FARM MGMT&OPERATION AGEDS 450 3 CR.
 PREREQ: ECON 235, 330, JUNIOR CLASSIFICATION
 MATERIALS AND EQUIPMENT USE FEE \$100.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1386005 1 MWF 12:10-4:00
 SECT 1:MAY 18-JULY 10

AGRICULTURAL EDUCATION & STUDIES

IND STU PHIL,CURRIC AGEDS 490A 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LDRSHP,EVAL AGEDS 490B 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS,PROD AG AGEDS 490C 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU EXTEN,INT'L AGEDS 490D 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU INSTR TCHNL AGEDS 490E 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENVIR ISSU AGEDS 490F 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGEDS 490H 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION,
 MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS
 ONLY. PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU COMMUNICATN AGEDS 490I 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION & STUDIES

AGRICULTURAL EDUCATION & STUDIES

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, MAY 18-AUG 7

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

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 PROGRAM 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
 MATERIALS FEE \$25.00
 1317005 ARRANGED, MAY 18-AUG 7

ADMINISTRTRN WORKSHP AGEDS 593D 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 MATERIALS FEE \$25.00
 1320005 ARRANGED, MAY 18-AUG 7

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 MATERIALS FEE \$25.00
 1321005 ARRANGED, MAY 18-AUG 7

WORKSHOP EXTENSION AGEDS 593F 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 MATERIALS FEE \$25.00
 1322005 ARRANGED, MAY 18-AUG 7

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 MATERIALS FEE \$25.00
 1890005 ARRANGED, MAY 18-AUG 7

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 MATERIALS FEE \$25.00
 6536005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT AGEDS 599 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMNR PUBLCATN WRIT AGEDS 615A 1 CR.
 SATISFACTORY-FAIL ONLY.
 1327005 MW 8:40-11:00
 JUNE 15-JULY 10
 NO SCHEDULED MEETINGS AFTER JULY 6

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

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

AGRICULTURAL ENGINEERING

COOPERATIVE EDUC A E 298 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP A E 396 R CR.
 PREREQ: PERMISSION OF DEPT & ENGR CAREER SERVICES
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC A E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGR CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

IND STU 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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

IND STU 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 AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

AGRICULTURAL ENGINEERING

SP TOPCS POWER ENGR 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, MAY 18-AUG 7

CREATIVE COMPONENT A E 599 VAR. CR.
 1044005 ARRANGED, MAY 18-AUG 7

ENGINEERG INTERNSHP A E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
 1700005 ARRANGED, MAY 18-AUG 7

DOCTORAL TECH PAPER A E 698 1 CR.
 SATISFACTORY-FAIL ONLY.
 8333005 ARRANGED, MAY 18-AUG 7

RESEARCH BIOSYS ENG A E 699B 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

RES PWR&MACHIN ENGR 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

AGRONOMY

PROF DEVEL:WORK EXP AGRON 310 R CR.
 SATISFACTORY-FAIL ONLY.
 1389005 ARRANGED, MAY 18-AUG 7
 SUMMER 2009 Last Updated 01-07-2009

AGRONOMY

WORLD FOOD ISSUES AGRON 342 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1402005 MTWRF 8:40-10:50
 MAY 18-JUNE 12

COOPERATIVE EDUCATN AGRON 398 R CR.
 PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 1411005 ARRANGED, MAY 18-AUG 7

WTRSHED HYDROL&SURF AGRON 402I 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 7299005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

INDEPENDENT STUDY AGRON 490 1- 3 CR.
 PREREQ: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
 INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER
 CONSULTATN
 NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE
 APPLIED TOWARD THE TOTAL 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
 NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE
 APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
 GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU SERVC LEARN AGRON 490Z 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF HORT/AGRON 490Z MAY BE
 APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
 GRADUATION
 7954800 UG ARRANGED NONNECKE G
 SECT UG:JUNE 6-JULY 10
 SEC UG TAUGHT IN UGANDA. TOPIC:
 CREATING A SCHOOL GARDEN: SERVICE LEARNING IN
 UGANDA. OFFERED FOR 4 CREDITS SUMMER 2009.

COOPERATIVE EDUCATN AGRON 498 R CR.
 PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 ARRANGED, MAY 18-AUG 7

APPLD AG METEOROLGY AGRON 541 2- 3 CR.
 PREREQ: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE
 CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1454005 ARRANGED, MAY 18-AUG 7

AGRONOMY

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

CR COMP AG METEOROL AGRON 599A VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1472005 ARRANGED, MAY 18-AUG 7

CR COMP CROP PRD&PH AGRON 599B VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1473005 ARRANGED, MAY 18-AUG 7

CR COMP PLNT BREEDG AGRON 599C VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1474005 ARRANGED, MAY 18-AUG 7

CRTV COMP SOIL CHEM AGRON 599D VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1475005 ARRANGED, MAY 18-AUG 7

CR COMP SOIL FERTIL AGRON 599E VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1476005 ARRANGED, MAY 18-AUG 7

CRTV COMPN SOIL MGT AGRON 599F VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1477005 ARRANGED, MAY 18-AUG 7

CR COMP SOIL MICROB AGRON 599G VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1478005 ARRANGED, MAY 18-AUG 7

CR COMP SOIL MORPHO AGRON 599H VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1479005 ARRANGED, MAY 18-AUG 7

CR COMP SOIL PHYSCS AGRON 599I VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1480005 ARRANGED, MAY 18-AUG 7

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

RESRCH SOIL FERTILI AGRON 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY

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

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

RESRCH SOIL MORPHOL AGRON 699H VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

RES PLANT PHYSIOLGY 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

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDI AM IN 210 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 1506005 1 MTWRF 9:50-11:50
 SECT 1:JUNE 15-JULY 10

ANIMAL ECOLOGY

ECOLOGY A ECL 312 4 CR.
 PREREQ: BIOL 211L AND 212L
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$55.00
 1061005 A MTWR 9:50-11:05
 MW 1:20-4:20
 SECT A:MAY 18-JULY 10
 1061010 B MTWR 9:50-11:05
 TR 1:20-4:20
 SECT B:MAY 18-JULY 10

ECOLOGY A ECL 312I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3713005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

ORNITHOLOGY A ECL 326I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3723005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

CONSERVATION BIOLGY A ECL 531I 4 CR.
 PREREQ: 312I
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 5653005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

GRAD IND STDY IA LL A ECL 590I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR & GRAD CLASSIF
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3979005 1 ARRANGED

ANIMAL ECOLOGY

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

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

RESEARCH - IA LL A ECL 699I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3966005 ARRANGED

ANIMAL SCIENCE

WORKNG WITH ANIMALS AN S 101 2 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 1527005 1 MTWR 7:30-8:30
 MTWR 8:40-10:50
 SECT 1:JUNE 15-JULY 10

ANIM SCI INTERNSHIP AN S 399A 2- 6 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 1538005 ARRANGED, MAY 18-AUG 7 SPIKE P

SUPERV'D INTERNSHIP AN S 399B R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INTERNSHIP COORDINATOR
 2258005 ARRANGED, MAY 18-AUG 7 SPIKE P

IND STDY ANIMAL SCI AN S 490A 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-
 \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY DAIRY SCI AN S 490B 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-
 \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY MEAT SCI AN S 490C 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-
 \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE

IND STU POULTRY SCI AN S 490G 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS AND FIELD TRIPS & TRAVEL 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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS
 ONLY. NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
 GRADUATION.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-
 \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHNG EXPRNC AN S AN S 497 1- 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF AN S 497 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE

CRTV COMP ANI NUTRI AN S 599B 1- 8 CR.
 PREREQ: NONTHESIS M.S. STATUS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO MEAT SCI AN S 599E 1- 8 CR.
 PREREQ: NONTHESIS M.S. STATUS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1615005 1 MTWRF 8:40-10:40 VIATORI M
 SECT 1:MAY 18-JUNE 12

INTERNSHIP ARCHAEOLOG ANTHR 434A 2- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR OR SENIOR STANDING
 NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR
 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE
 REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 7718005 A ARRANGED
 SECT A:MAY 18-AUG 7

INTERNSHIP CULTRL A ANTHR 434B 2- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR OR SENIOR STANDING
 NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR
 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE
 REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 1031005 ARRANGED, MAY 18-AUG 7

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

ANTHROPOLOGY

IND STU 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 STU 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

IND STDY LING ANTHR ANTHR 490D 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. COURSE RESTRICTED TO
 HONORS PROGRAM STUDENTS ONLY.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL ANTHR 490I 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 7822005 ARRANGED

GRAD INDEPNDNT STDY ANTHR 590 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD IND STDY IA LL ANTHR 590I 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 7823005 1 ARRANGED

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

ANTHROPOLOGY

RESEARCH - IA LL ANTHR 699I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 7824005 ARRANGED

APPAREL, ED STUDIES, & HOSPITALITY MGMT

P R & EVENT MGMT I AESHM 271 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR. COURSE MUST
 BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN
 BE REPEATED FOR 1 CREDIT.
 COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST
 TIME, THEN MAY BE REPEATED FOR 1 CREDIT
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 4556005 1 MTWRF 9:50-11:50
 SECT 1:JUNE 15-JULY 10

AESTHETC OF EVERYDY AESHM 342 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 4609005 1 MTWRF 7:30-9:30
 SECT 1:JULY 13-AUG 7

P R & EVENT MGMT II AESHM 471 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR. COURSE MUST
 BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN
 BE REPEATED FOR 1 CREDIT.
 COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST
 TIME, THEN MAY BE REPEATED FOR 1 CREDIT
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 4612005 1 MTWRF 9:50-11:50
 SECT 1:JUNE 15-JULY 10

ARCHITECTURE

PRACTICAL EXPERIENC ARCH 310 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2544005 ARRANGED, MAY 18-AUG 7

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

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

ARCHITECTURE

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.
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ARC DSIGN&MEDIA III ARCH 507 5 CR.
 PREREQ: 506,596,542, CONCURRENT ENROLLMENT IN 543
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$75.00-\$125.00
 1300005 1 MTWRF 1:00-5:00
 SECT 1:MAY 18-JULY 10

TOP STDI ARCH&CULTR ARCH 528A 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1731005 1 ARRANGED
 SECT 1:MAY 18-JULY 10
 SECTION 1 TOPIC: LOS ANGELES

ARCHITECTURE
 1731010 2 MW 9:00-12:00
 SECT 2:MAY 18-JULY 10
 SECTION 2 TOPIC: AESTHETICS AND

ARCHITECTURE

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1326005 1 TR 9:00-12:00
 SECT 1:MAY 18-JULY 10
 SECTION 1 TOPIC: SOLAR DECATHLON

SEMINAR:
 CONTESTS AND COMMUNICATIONS

STDY ABROAD OPTIONS ARCH 576 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8672800 CN ARRANGED SHAO P
 SECT CN:MAY 11-25
 SEC CN TAUGHT IN CHINA. TOPIC:'FIELD

STUDIES IN
 CHINESE ARCHITECTURE' STUDY ABROAD
 SUMMER 2008

SERVICE LEARNING ARCH 581 5 CR.
 PREREQ: 506,596,542
 1719005 1 MWF 8:40-10:20
 R 8:40-12:00
 SECT 1:MAY 18-JULY 10

ARCHITECTURE

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

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

RESEARCH ARCH 699 3- 9 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

DRAWING II ART 230 3 CR.
 PREREQ: DSN S 131
 COURSE RESTRICTED TO DESIGN COLLEGE MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1779005 1 MTWRF 8:40-12:40
 SECT 1:JUNE 15-JULY 10

ART HIST IN EUROPE ART 495N 3 CR.
 PREREQ: 494, PERMISSION OF INSTRUCTOR
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7552800 IT ARRANGED
 SECT IT:JUNE 3-30
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
 OF
 DESIGN SUMMER ROME PROGRAM

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
 SECT RB:MAY 18-AUG 7
 9444010 SH ARRANGED
 SECT SH:MAY 18-AUG 7

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
 7821005 JC ARRANGED
 SECT JC:MAY 18-AUG 7

ART HIST IN EUROPE ART 595N 3 CR.
 PREREQ: GRAD CLASSIF, 494 OR EQUIV, INSTR PERMSSN
 7560800 IT ARRANGED
 SECT IT:JUNE 3-30
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
 OF
 DESIGN SUMMER ROME PROGRAM

ART & DESIGN

MUSEUM/GALLERY INTRN ART 598 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRAD CLASSIFICATION & INSTRUCTOR PERMISN
 WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 FOR GRADUATE ART MAJORS
 9445010 BJ ARRANGED JONES B
 SECT BJ:MAY 18-AUG 7
 9445005 JC ARRANGED
 SECT JC:MAY 18-AUG 7
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDIO INTERNSHIP ART 697 VAR. CR.
 PREREQ: GRAD CLASSIF & APPROVAL OF POS COMMITTEE
 COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2009.
 FOR GRADUATE ART MAJORS ONLY.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8371005 RB ARRANGED
 SECT RB:MAY 18-AUG 7
 8371010 SH ARRANGED
 SECT SH:MAY 18-AUG 7

THESIS RESEARCH ART 699A VAR. CR.
 1949005 ARRANGED, MAY 18-AUG 7

ART HISTORY

HISTORY OF ART II ART H 281 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1791005 MWF 9:50-12:00
 MAY 18-JULY 10

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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOPICS IN ART HIST ART H 498 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1738005 1 MTWRF 9:50-10:50
 SECT 1:MAY 18-JULY 10
 SEC 1 TOPIC: SEQUENTIAL ART, COMIC
 STRIPS,
 COMIC BOOKS AND GRAPHIC NOVELS

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 HISTORY

TOPICS IN ART HIST ART H 598 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTR PERMISSION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 1792005 1 MTWRF 9:50-10:50
 SECT 1:MAY 18-JULY 10
 SEC 1 TOPIC: SEQUENTIAL ART, COMIC
 STRIPS,
 COMIC BOOKS AND GRAPHIC NOVELS

ART:GRAPHIC DESIGN

GRPHC DSN METHODLGY ARTGR 476 2 CR.
 PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482
 1889005 1 MWF 8:40-11:00
 SECT 1:MAY 18-JULY 10
 1889010 2 MWF 8:40-11:00
 SECT 2:MAY 18-JULY 10

GRPH DSGN INTERNSHP ARTGR 480 3 CR.
 PREREQ: 377, 12 CR IN GRAPHIC DESIGN; INSTRUCTOR
 PERMISSION, REGISTRATION IN ADVANCE OF ENROLLMENT
 7746005 A ARRANGED
 SECT A:MAY 18-AUG 7

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 STU COOP, INTERN ARTGR 490I 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRPHC DSIGN METHDOL ARTGR 576 2 CR.
 PREREQ: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 2058005 1 MWF 8:40-11:00
 SECT 1:MAY 18-JULY 10

SPL TOPCS THRY, CRIT 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
 ***** 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.
 ***** 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART:GRAPHIC DESIGN

ADVANCED TOPICS ARTGR 690 VAR. CR.
 PREREQ: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTGR 699A VAR. CR.
 8382005 ARRANGED, MAY 18-AUG 7

ART:INTEGRATED STUDIO ARTS

FND VISUAL LITERACY ARTIS 201 3 CR.
 PREREQ: DSN S 102 AND 131
 COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
 7938005 ARRANGED
 MAY 18-JULY 10
 DELIVERY IS WWW

COLOR ARTIS 208 3 CR.
 PREREQ: DSN S 183 OR ART 108. REQUIRED OF ALL
 ISA BFA STUDENTS
 MATERIALS FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1766005 MTWRF 11:00-1:00
 MAY 18-JULY 10

INTRO DIGITAL PHOTO ARTIS 227 3 CR.
 PREREQ: ART 108 OR DSN S 102, 183, 131
 MATERIALS FEE \$50.00
 1983005 A MTWRF 8:40-10:50
 SECT A:MAY 18-JULY 10
 SEC A RESTRICTED TO COLLEGE OF DESIGN

MAJORS
 1983800 IT ARRANGED
 SECT IT:JULY 6-29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
 OF
 DESIGN SUMMER ROME PROGRAM

PHOTOGRAPHY I ARTIS 229 3 CR.
 PREREQ: ART 108 OR DSN S 102, 183, 131
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, BPM I, PBPPI MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$50.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1778005 MTWRF 11:00-1:40
 MAY 18-JULY 10

PAINTING I ARTIS 238 3 CR.
 PREREQ: ART 230
 PROFESSIONAL SUPPORT FEE \$20.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7828005 1 MTWRF 11:00-1:40
 SECT 1:MAY 18-JULY 10
 SEC 1 RESTRICTED TO COLLEGE OF DESIGN

MAJORS

INTEGRATIVE MEDIA ARTIS 305 3 CR.
 PREREQ: DSN S 102, 131 AND 183 AND 6 CREDITS
 OF ADDITIONAL ISA STUDIO AT 200+ LEVEL
 MATERIALS FEE \$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1771005 MTWRF 1:20-3:20
 MAY 18-JULY 10

ART:INTEGRATED STUDIO ARTS

MODEL&VIRTUL PHOTO ARTIS 308 3 CR.
 PREREQ: ART 230
 COURSE RESTRICTED TO DESIGN COLLEGE MAJORS
 MATERIALS FEE \$30.00
 6423005 MTWRF 11:00-12:50
 MAY 18-JULY 10

PAINTING II ARTIS 338 3 CR.
 PREREQ: 238
 COURSE RESTRICTED TO ART, ARTDN, ARTED, ARTFA,
 ARTGR, ARTID, ARTIS, BPM I, PBPPI MAJORS
 PROFESSIONAL SUPPORT FEE \$12.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7832005 1 MTWRF 11:00-1:40
 SECT 1:MAY 18-JUNE 26

PAINTING ARTIS 438 3 CR.
 PREREQ: 338
 COURSE RESTRICTED TO COLLEGE OF DESIGN 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 MTWRF 11:00-1:40
 MAY 18-JUNE 26

TOPICS STUDIO ART ARTIS 482 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$10.00
 1855005 MTWRF 11:00-1:40
 MAY 18-JULY 10
 1855800 IT ARRANGED JONES B
 SECT IT:JULY 6-29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE

OF

DESIGN SUMMER ROME PROGRAM

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 FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART:INTEGRATED STUDIO ARTS

ART:INTEGRATED STUDIO ARTS

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 FEE \$70.00
 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
 ENROLLMNT.

MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** 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 STU 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

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

INTEGRATIVE MEDIA ARTIS 505 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS

MATERIALS FEE \$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7553005 MTWRF 1:20-3:20
 MAY 18-JULY 10

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 1 MTWRF 11:00-1:00
 SECT 1:MAY 18-JUNE 26

TOPICS STUDIO ART ARTIS 582 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$10.00

1870005 MTWRF 11:00-1:40
 MAY 18-JULY 10
 1870800 IT ARRANGED JONES B
 SECT IT:JULY 6-29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE

OF

DESIGN SUMMER ROME PROGRAM

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 INSTRUCTOR 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 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 FEE \$70.00
 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: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

INT DSGN INTERNSHIP ARTID 460 3 CR.
 PREREQ: COMPLETION OF 350,365,461
 1846005 A ARRANGED
 SECT A:MAY 18-AUG 7

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

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

ADVANCED TOPICS ARTID 690 VAR. CR.
 PREREQ: MFA CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CR.
 8389005 ARRANGED, MAY 18-AUG 7

RESEARCH:THESIS-EXH ARTID 699B VAR. CR.
 8390005 ARRANGED, MAY 18-AUG 7

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONMY ASTRO 102 1 CR.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8059005 ARRANGED
 JUNE 15-AUG 7
 DELIVERY IS WWW

ASTRONOMY & ASTROPHYSICS

EVENING STAR ASTRO 103 1 CR.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8260005 ARRANGED
 JUNE 15-AUG 7
 DELIVERY IS WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CR.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 1951005 1 MTFW 8:40-9:40
 R 8:40-9:40
 SECT 1:JUNE 15-AUG 7

INDEPENDENT STUDY ASTRO 290 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

RESEARCH ASTRO 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

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 MTWRF 8:40-9:40
 MAY 18-JULY 10

INDEPENDENT STUDY BBMB 490 VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION; COLLEGE OF
 AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION
 STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY
 NO MORE THAN 6 CREDITS OF 490 TOWARD GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE
 THAN
 9 CREDITS OF 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INDEP STUDY HONORS BBMB 490H VAR. CR.
 PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
 INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE:
 JUNIOR OR SENIOR CLASSIFICATION
 STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY
 NO MORE THAN 6 CREDITS OF 490 TOWARD GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE
 THAN
 9 CREDITS OF 490 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

INTRO DNA TECHNIQS BBMB 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7099005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

INTR PROTEIN TECHNQ BBMB 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7100005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

SPECIAL TOPICS BBMB 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BBMB 699 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOINFORMATICS & COMPUTATIONAL BIOL-UG

INDEPENDENT STUDY BCBIO 490 1- 5 CR.
 PREREQ: BCBIO 211, JUNIOR OR SENIOR CLASSIFICATN,
 PERMISSION OF INSTRUCTOR
 STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BCBIO 490 OR 491 TOWARD
 GRADUATION
 8777005 ARRANGED, MAY 18-AUG 7

BIOINFORMATICS AND COMPUTATIONAL BIOL

INDEPENDENT STUDY BCB 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS BCB 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 1828005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

BIOINFORMATICS AND COMPUTATIONAL BIOL

INTR PROTEIN TECHNQ BCB 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 1865005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

SPECIAL TOPICS BCB 590 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1337005 ARRANGED, MAY 18-AUG 7

SYSTEMS BIOL SYMPOS BCB 593A 1 CR.
 8990005 ARRANGED
 JUNE 11-14 & ARR.
 WORKSHOP FEE APPLIES

GRAD RESEARCH ROTAT BCB 697 VAR. CR.
 7827005 ARRANGED, MAY 18-AUG 7

RESEARCH BCB 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

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
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL BIOL 101 3 CR.
 CREDIT FOR EITHER BIOL 101 OR BIOL 211/201, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2064005 A MTWRF 12:10-2:20
 SECT A:JUNE 15-JULY 10
 2064010 B ARRANGED
 SECT B:MAY 18-AUG 7
 DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu>
 SYLLABUS:
<http://project.bio.iastate.edu>

HUMAN BIOLOGY BIOL 155 3 CR.
 PREREQ: HS BIOLOGY & CHEMISTRY OR BIOL 101
 7079005 A ARRANGED
 SECT A:MAY 18-AUG 7
 DELIVERY IS WWW

FIELD BOTANY BIOL 165 2 CR.
 FIELD TRIPS & TRAVEL FEE \$10.00
 2077005 1 MWF 1:20-4:50
 SECT 1:MAY 18-JUNE 12
 2077010 2 MWF 8:00-11:30
 SECT 2:MAY 18-JUNE 12

BIOLOGY

ENVIRONMNTL BIOLOGY BIOL 173 3 CR.
 BIOL/ENV S 173 DOES NOT COUNT TOWARD CREDITS
 REQUIRED IN A BIOLOGY MAJOR
 2015005 A ARRANGED
 SECT A:MAY 18-AUG 7
 DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu>
 SYLLABUS:
<http://project.bio.iastate.edu>

PRIN OF BIOLOGY I BIOL 211 3 CR.
 PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
 CREDIT OR ENROLLMENT IN CHEM 163 OR 177
 CREDIT FOR EITHER BIOL 101 OR BIOL 211, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 9468005 A ARRANGED
 SECT A:MAY 18-AUG 7
 DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu>
 SYLLABUS:
<http://project.bio.iastate.edu>

ECOLOGY BIOL 312 4 CR.
 PREREQ: 211L AND 212L
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$55.00
 2069005 A MTWR 9:50-11:05
 MW 1:20-4:20
 SECT A:MAY 18-JULY 10
 2069010 B MTWR 9:50-11:05
 TR 1:20-4:20
 SECT B:MAY 18-JULY 10

PRINCIP OF GENETICS BIOL 313 3 CR.
 PREREQ: 211, 212
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL
 313/301
 AND 313L/301L, GEN/AGRON 320
 9472005 1 MTWRF 8:40-9:40
 SECT 1:MAY 18-JULY 10

INTERNAT FIELD TRIP BIOL 394B 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3223800 SP ARRANGED RODERMEL S
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE
 MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER
 2009

IND STU 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

LAB TEACHNG EXPERNC BIOL 491 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF SUPERVISING STAFF
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

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- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCE;
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CR.
 PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 4546005 ARRANGED, MAY 18-AUG 7

BIOMEDICAL SCIENCES

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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 501 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF A
 B M S FACULTY MEMBER
 6978005 ARRANGED, MAY 18-AUG 7

INTRO DNA TECHNIQS B M S 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7133005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

INTR PROTEIN TECHNQ B M S 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7134005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

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.
 PREREQ: ENROLLMENT IN B M S GRADUATE PROGRAM,
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

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 698B 1 CR.
 SATISFACTORY-FAIL ONLY.
 6995005 ARRANGED
 MAY 18-JULY 10

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

SPECIAL TOPICS BRT 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR OR MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIORENEW RSOURC LAB BRT 591L 1 CR.
 PREREQ: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIORENEWB INTERNSHP BRT 597X 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MAJOR IN BRT
 8038005 ARRANGED, MAY 18-AUG 7

RESEARCH BRT 699 VAR. CR.
 PREREQ: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

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
 6723010 MB ARRANGED
 SECT MB:MAY 18-AUG 7
 6723015 RP ARRANGED
 SECT RP:MAY 18-AUG 7
 6723020 TC ARRANGED
 SECT TC:MAY 18-AUG 7

BUSINESS ADMINISTRATION

EXPER INT'L TRAVEL BUSAD 291D 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7510800 SP ARRANGED SMITH R
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE
 MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER
 2009

COOPERATIVE EDUC BUSAD 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 6147005 ARRANGED, MAY 18-AUG 7
 PERMISSION OF COORDINATOR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10
 ALUMNI HALL

IND STDY ENTREPRENR BUSAD 490E 3 CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3635005 ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY BUSAD 490G 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3634005 ARRANGED, MAY 18-AUG 7

INDEP STUDY HONORS BUSAD 490H 1- 3 CR.
 PREREQ: ADMISSION TO THE BUSINESS HONORS PROGRAM
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6722010 MB ARRANGED
 SECT MB:MAY 18-AUG 7
 6722015 RP ARRANGED
 SECT RP:MAY 18-AUG 7
 6722020 TC ARRANGED
 SECT TC:MAY 18-AUG 7

EXP INT'L INTERNSHP BUSAD 491B 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.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7512005 MB ARRANGED
 SECT MB:MAY 18-AUG 7
 7512010 RP ARRANGED
 SECT RP:MAY 18-AUG 7
 7512015 TC ARRANGED
 SECT TC:MAY 18-AUG 7

BUSINESS ADMINISTRATION

EXP INT'L TRAVEL&ST BUSAD 491D 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.
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009 DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 7514800 SP ARRANGED SMITH R
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER 2009

EXPERIENTIAL LEARNG BUSAD 491E 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.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 7515320 KP ARRANGED
 SECT KP:MAY 18-AUG 7

PRO EXPERIENTL LRNG BUSAD 591 1- 3 CR.
 PREREQ: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
 7533015 DK ARRANGED
 SECT DK:MAY 18-AUG 7
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 7533005 HV ARRANGED
 SECT HV:MAY 18-AUG 7
 SEC HV OFFERED FOR 3 CREDITS
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 7533010 JM ARRANGED
 SECT JM:MAY 18-AUG 7
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 7533025 MP ARRANGED
 SECT MP:MAY 18-AUG 7
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 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, MAY 18-AUG 7

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

BUSINESS ADMINISTRATION

CREATIV 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

CREATIV 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

CRTV CMP LOGIST&SCM 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&SCM 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

COOPERATIVE EDUC CH E 298 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 MTWR 9:00-12:00
 MTWR 1:00-5:00
 SECT A:MAY 18-JUNE 12

F STDY ORIEN IN EUR CH E 391B 2 CR.
 SATISFACTORY-FAIL ONLY.
 CREDIT FOR GRADUATION ALLOWABLE ONLY UPON COMPLETION OF CH E 392
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 7162800 SP ARRANGED JOLLS K
 SECT SP:JUNE 21-JULY 24
 SEC SP TAUGHT IN OVIEDO, SPAIN.
 'INTERNATIONAL
 SUMMER COURSE IN CHEMICAL

ENGINEERING 2009.

FOREIGN STUDY PROG CH E 392 4 CR.
 PREREQ: 391A, ENROLLMENT IN 391B
 CREDIT FOR GRADUATION FOR 391 ALLOWABLE ONLY UPON COMPLETION OF CH E 392
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

CHEMICAL ENGINEERING

2441800 SP ARRANGED JOLLS K
 SECT SP:JUNE 21-JULY 24
 SEC SP TAUGHT IN OVIEDO, SPAIN.
 'INTERNATIONAL
 SUMMER COURSE IN CHEMICAL
 ENGINEERING 2009.
 SUMMER INTERNSHIP CH E 396 R CR.
 PREREQ: PERMISSION OF DEPARTMENT EACH TIME TAKEN
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 2059005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC CH E 398 R CR.
 PREREQ: 298, PERMISSON OF DEPARTMT EACH TIME TAKEN
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGR LAB II CH E 426 2 CR.
 PREREQ: 325, 358, 382
 CREDIT FOR CH E 426 OR CH E 427, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO
 CH E SENIORS GRADUATING SUMMER 2009.
 MATERIALS FEE \$70.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2448005 A MTWR 9:00-12:00
 MTWR 1:00-5:00
 SECT A:MAY 18-JUNE 12

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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CH E 498 R CR.
 PREREQ: 398, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SP TOP ADV CNTL THY CH E 595B 2- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 2472005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT CH E 599 VAR. CR.
 2478005 ARRANGED, MAY 18-AUG 7

ENGINEER INTERNSHIP CH E 697 R CR.
 PREREQ: PERMISSION OF MAJOR PROF, GRAD CLASSIF
 2116005 ARRANGED, MAY 18-AUG 7

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

CHEMISTRY

GENERAL CHEMISTRY CHEM 177 4 CR.
 PREREQ: MATH 140 OR H.S. EQUIVALENT AND CHEM 50,
 155 OR 1 YR H.S. CHEM AND CR OR ENROLLMENT IN
 177L.

CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
 CREDIT FOR ONLY ONE OF CHEM 163,165,167,177,201

(AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD
 GRADUATION. ONLY ONE OF CHEM 155,163,167,177,201
 (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD
 GRADUATION.

DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2495005 A1 MTWRF 9:50-10:50

TR 11:00-12:00
 SECT A1:MAY 18-JULY 10
 SECTION INFO:

<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:

<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495010 A2 MTWRF 9:50-10:50

TR 11:00-12:00
 SECT A2:MAY 18-JULY 10
 SECTION INFO:

<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:

<http://avogadro.chem.iastate.edu/chem177/syllabu>

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 THE FOLLOWING COURSES MAY BE APPLIED
 TOWARD

GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L.
 MATERIALS FEE \$33.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2496005 A MW 11:00-2:00

SECT A:MAY 18-JULY 10
 SECTION INFO:

<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:

<http://avogadro.chem.iastate.edu/chem177/syllabu>

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 (AND 231L) OR CHEM 331 (AND
 331L),
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2504005 MTWRF 8:40-9:40

MAY 18-JULY 10
 SECTION INFO:

<http://avogadro.chem.iastate.edu/chem231>
 SYLLABUS:

<http://avogadro.chem.iastate.edu/chem231/syllabu>

ELEM ORGNC CHEM LAB CHEM 231L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 231; 163L
 CREDIT FOR EITHER CHEM 331L OR CHEM 231L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$40.00

7900005 1 TR 9:50-10:50
 TR 10:50-12:50
 SECT 1:MAY 18-JULY 10
 SECTION INFO:

<http://avogadro.chem.iastate.edu/chem231/>
 SYLLABUS:

<http://avogadro.chem.iastate.edu/chem231/syllabu>
 7900010 2 TR 1:20-2:20

TR 2:20-4:20
 SECT 2:MAY 18-JULY 10
 SECTION INFO:

<http://avogadro.chem.iastate.edu/chem231/>
 SYLLABUS:

<http://avogadro.chem.iastate.edu/chem231/syllabu>

CHEMISTRY

FRESH&SOPH RESEARCH CHEM 299 VAR. CR.
 PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSES TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 CHEM 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, MAY 18-AUG 7

COOPERATIVE EDUCATN CHEM 498 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4841005 ARRANGED, MAY 18-AUG 7

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 6 TOTAL CREDITS OF CHEM 399 AND
 CHEM 499 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 ARRANGED, MAY 18-AUG 7

RESEARCH CHEM 699 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

COOPERATIVE EDUC C E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT & ENGR CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

STRUCTURAL ANALYS I C E 332 3 CR.
 PREREQ: E M 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2285005 1 MWF 7:30-8:30
 TR 7:30-9:40
 SECT 1:MAY 18-JULY 10

STRUCT STEEL DSGN I C E 333 3 CR.
 PREREQ: 332, E M 327
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2286005 1 MTR 9:50-10:50
 WF 8:40-10:50
 SECT 1:MAY 18-JULY 10

CIVIL ENGINEERING

REIN CONCRETE DSN I C E 334 3 CR.
 PREREQ: 332, E M 327
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2287005 1 MWF 7:30-8:30
 TR 7:30-9:40
 SECT 1:MAY 18-JULY 10

SUMMER INTERNSHIP C E 396 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT AND ENGR CAREER
 SERVICES, COMPLETION OF 2 TERMS IN RESIDENCE IN
 CIVIL
 ENGR, EMPLOYMENT IN CIVIL ENGR OR RELATED FIELD
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 3639005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC C E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGR
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY C E 490 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 THE HONORS PROGRAM
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC C E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 398, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS C E 590 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV BLDG CN C E 594L 1- 3 CR.
 PREREQ: CON E 322, CON E 340 OR C E 304, AND
 PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 2186005 TR 9:50-12:40
 MAY 18-JULY 10

CREATIVE COMPONENT C E 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CR.
 PREREQ: PRE-ENROLLMENT CONTRACT REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF COOP ADVISER, GRAD CLASSIF
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7416005 ARRANGED, MAY 18-AUG 7

COMMUNITY & REGIONAL PLANNING

CIVIL ENGINEERING

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

CLASSICAL STUDIES

STUDY ABROAD GREECE CL ST 395 2- 6 CR.
 PREREQ: 394
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5120800 GR ARRANGED MOOK M
 SECT GR:MAY 11-JUNE 2
 SEC GR TAUGHT IN GREECE (ATHENS,
 MYCENAE, RHODES,
 CRETE, THERA)' THE ARCHAEOLOGY OF
 GREECE' STUDY ABROAD
 SUMMER 2009 OFFERED FOR 3 CREDITS

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

BASIC SIGN LANGUAGE CMDIS 286 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 2612005 A MTWRF 11:00-1:00
 SECT A:JUNE 15-JULY 10

COMMUNICATION STUDIES

INTRO INTERPRS COMM COMST 102 3 CR.
 8105005 1 MTWRF 9:50-11:50
 SECT 1:MAY 18-JUNE 12
 8105010 2 MTWRF 9:00-11:50
 SECT 2:MAY 18-JUNE 5

PROFESSNAL COMMUNIC COMST 214 3 CR.
 9183005 MTWRF 12:10-2:10
 MAY 18-JUNE 12

HUMAN COMMUNIC THRY COMST 301 3 CR.
 PREREQ: 101
 6593005 MTWRF 2:30-4:30
 MAY 18-JUNE 12

GENDER & COMMUNICTN COMST 323 3 CR.
 PREREQ: SP CM 212
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3339005 MTWRF 12:10-2:20
 MAY 18-JUNE 12

INDEPENDENT STUDY COMST 490 1- 3 CR.
 PREREQ: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 499 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM C R P 330 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 2386005 ARRANGED, MAY 18-AUG 7

PRO WORK EXPERIENCE C R P 410 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2710005 ARRANGED, MAY 18-AUG 7

INTRO GEOG INFO SYS C R P 451 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 9410600 XW ARRANGED JENSEN A
 SECT XW:MAY 18-AUG 7
 THIS COURSE HAS A DELIVERY FEE OF

\$100.00 IN
 ADDITION TO TUITION
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

SUSTAINABLE COMMUNT C R P 484 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$100.00
 7041600 XW ARRANGED CLAPP T
 SECT XW:MAY 18-AUG 7

\$100.00 IN
 SECTION XW HAS A DELIVERY FEE OF
 ADDITION TO TUITION
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

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

PRO WORK EXPERIENCE C R P 510 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM C R P 530 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION IN C R P
 2405005 ARRANGED, MAY 18-AUG 7

INTRO GEOG INFO SYS C R P 551 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 1985600 XW ARRANGED
 SECT XW:MAY 18-AUG 7
 THIS COURSE HAS A DELIVERY FEE OF

\$100.00 IN
 ADDITION TO TUITION.
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

COMMUNITY & REGIONAL PLANNING

SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

ANALYTICAL PLAN/GIS C R P 553 3 CR.
PREREQ: 451/551
MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
8184600 XW ARRANGED SEEGER C
SECT XW:MAY 18-AUG 7
INSTRUCTOR PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

SUSTAINBLE COMMUNIT C R P 584 3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE
\$0.00-\$100.00
7043600 XW ARRANGED CLAPP T
SECT XW:MAY 18-AUG 7
SECTION XW HAS A DELIVERY FEE OF
\$100.00 IN
ADDITION TO TUITION
INSTRUCTOR PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

SPL TP PLAN LAW,ADM 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

SPL TOPC ECON DEVEL 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 TOPC 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

SPL TOP HOUS&URB RV 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

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

COMMUNITY & REGIONAL PLANNING

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

SPL TOPC INT'L PLAN C R P 590N 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 TP SPATL AN MTH C R P 590O 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 TP SM TOWN PLAN C R P 590P 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 TP DIVRS&EQ PLN C R P 590Q 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 590R 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

PRO PLANNING REPORT C R P 599 VAR. CR.
SATISFACTORY-FAIL ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CR.
SATISFACTORY-FAIL ONLY.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER ENGINEERING

DIG LOGC,PROCSR,P I CPR E 281 4 CR.
PREREQ: SOPHOMORE CLASSIFICATION
7321005 A MTWRF 9:50-10:50
MW 12:10-2:10
SECT A:MAY 18-JULY 10
7321010 B MTWRF 9:50-10:50
TR 3:40-5:40
SECT B:MAY 18-JULY 10

COMPUTER SCIENCE

COMPUTER ENGINEERING

EMBEDDE SYS I:INTRO CPR E 288 4 CR.
 PREREQ: 281, COM S 207 OR 227
 3364005 A MTWRF 8:40-9:40
 TR 12:10-2:10
 SECT A:MAY 18-JULY 10
 3364010 B MTWRF 8:40-9:40
 MW 9:50-11:50
 SECT B:MAY 18-JULY 10

COOPERATIVE EDUCATN CPR E 298 R CR.
 PREREQ: PERMSSN OF DEPTMNT AND ENGINEERNG CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP CPR E 396 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 4360005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUCATN CPR E 398 R CR.
 PREREQ: 298, PERMSSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CPR E 498 R CR.
 PREREQ: 398, PERMSSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS CPR E 590 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT CPR E 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERNG INTERNSHP CPR E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT CHAIR AND ENGINEERING CAREER SERVICES, GRADUATE CLASSIFICATION
 7420005 ARRANGED, MAY 18-AUG 7
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

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

COMPUTER APPLICATNS COM S 103 4 CR.
 2673005 1 ARRANGED
 SECT 1:JUNE 15-AUG 7
 DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103w>
 2673010 2 ARRANGED
 SECT 2:JUNE 15-AUG 7
 DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103w>
 2673015 3 ARRANGED
 SECT 3:JUNE 15-AUG 7
 DELIVERY IS WWW
 SECTION INFO:

APP COMPUTER PROGRM COM S 107 3 CR.
 2674005 A ARRANGED
 SECT A:MAY 18-JULY 10
 DELIVERY IS WWW

COBOL PROGRAMMING COM S 201 3 CR.
 PREREQ: 107 OR 207 OR 227
 2675005 A ARRANGED
 SECT A:JUNE 15-AUG 7
 DELIVERY IS WWW

PROGRAMMING I COM S 207 3 CR.
 PREREQ: MATH 150 OR PLACEMENT INTO MATH 140/141/142 OR HIGHER
 CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 9235005 MTWRF 11:00-12:00
 TR 1:20-2:20
 JUNE 15-AUG 7

INTR OBJT ORIEN PRG COM S 227 4 CR.
 CREDIT FOR EITHER COM S 227 OR COM S 207, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 9237005 A MTWRF 9:50-10:50
 TR 12:10-2:10
 SECT A:MAY 18-JULY 10

INTRO DATA STRUCTUR COM S 228 3 CR.
 PREREQ: C- OR BETTER IN 227, CREDIT OR ENROLLMENT IN MATH 165
 9238005 A MTWRF 11:00-12:00
 MW 2:30-3:30
 SECT A:MAY 18-JULY 10

LINUX SYS ESENTIALS COM S 252 3 CR.
 PREREQ: 103 OR 207 OR 227
 EQUIPMENT USE FEE \$50.00
 3087005 A MTWR 8:40-9:40
 MW 12:10-2:10
 SECT A:MAY 18-JULY 10

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 ARRANGED, MAY 18-AUG 7

COMPUTER SCIENCE

DSN&ANALYSIS ALGRTH COM S 311 3 CR.
 PREREQ: 228 WITH C- OR BETTER, 229 OR CPR E 211,
 MATH 166, ENGL 250, AND COM S 330 OR CPR E 310
 CREDIT FOR EITHER COM S 311 OR COM S 381, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2683005 A MTWRF 8:40-9:40
 TR 11:00-12:00
 SECT A:MAY 18-JULY 10

INTR DATABS MGT SYS COM S 363 3 CR.
 PREREQ: 228 WITH C- OR BETTER, ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2689005 A MTWRF 12:10-2:10
 SECT A:MAY 18-JUNE 26

COOPERATIVE EDUCATN COM S 398 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2691005 ARRANGED, MAY 18-AUG 7

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

SPECIAL TOPICS COM S 590 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CMPTR SCI INTERNSHP COM S 598X R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF COM S DIRECTOR OF GRADUATE
 EDUCATION, GRADUATE CLASSIFICATION
 5627005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT COM S 599 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COM S 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

CONSTR MATLS&METHDS CON E 241 3 CR.
 PREREQ: 221
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 2730005 TR 5:00-8:00PM
 JUNE 15-AUG 7

CONSTRUCTION ENGINEERING

COOPERATIVE EDUCATN CON E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING LAW CON E 380 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5102005 1 MTWRF 8:40-9:40
 SECT 1:MAY 18-JULY 10

SUMMER INTERNSHIP CON E 396 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 4322005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUCATN CON E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 DEPT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

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 MTWRF 9:50-11:10
 MAY 18-JUNE 26

CRIM & JUV JUST PRAC CJ ST 460 3-12 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR OR SR CLASSIFICATION; PERMISSION
 OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC,
 OR CJ ST MINOR
 2581005 A ARRANGED
 SECT A:MAY 18-AUG 7

CURRICULUM & INSTRUCTION

INTR INSTR TEC PK-6 C I 201 3 CR.
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 3015005 1 MWF 8:40-9:40
 TR 8:40-10:40
 SECT 1:JUNE 15-AUG 7

CURRICULUM & INSTRUCTION

SOC FOUND AMER EDUC C I 204 3 CR.
6278005 A MWF 9:50-12:20
SECT A:JUNE 15-JULY 24

RDG&LANG ARTS K-3RD C I 377 4 CR.
PREREQ: C I 245, SP ED 250, HD FS 240, HD FS 226
(EL ED MAJORS) OR 221 (ECE MAJORS); CONCURRENT
ENR IN
448, 468A, 468C (EL ED MAJORS) OR 468F, SP ED
368,
HD FS 343 (ECE MAJORS), ADMISSN TO TEACHER ED
PROGRAM
COURSE RESTRICTED TO EL ED MAJORS WITH FULL
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
PROGRAM. TAKE CONCURRENTLY WITH 468A,448,468C.
2066005 1 MTWR 12:00-3:20
SECT 1:MAY 11-JUNE 11

RDG&LANG ARTS 4TH-6 C I 378 4 CR.
PREREQ: 377; CONCURRENT ENRLMNT IN 449,468B,468D
COURSE RESTRICTED TO EL ED MAJORS. TAKE
CONCURRENTLY WITH 468D,378,468B.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2078005 1 MTWR 8:00-11:20
SECT 1:MAY 11-JUNE 11

MIDL SCHL CURR&INST C I 402 3 CR.
PREREQ: 401, ADMISSION TO TEACHER EDUCATION
2497005 MTWR 4:00-7:00PM
MAY 18-JUNE 12

MULTICULTURAL EDUC C I 406 3 CR.
PREREQ: 201, 332 OR 333, JUNIOR CLASSIFICATION,
ADMISSION TO TEACHER EDUCATION PROGRAM
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
MEETS U.S. DIVERSITY REQMT.
6292005 A MTWRF 11:00-1:10
SECT A:MAY 18-JUNE 12

PRINCIPLS SECNDY ED C I 426 3 CR.
PREREQ: 201, SR CLASSIFICATION, ADMITTED TO
TEACHER EDUC PROGRAM, CONCURRENT ENROLLMENT IN
415
CONCURRENT ENROLLMENT IN 415 REQUIRED.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
6293005 1 MTWRF 1:20-3:30
SECT 1:JUNE 15-JULY 10

TCHG OF SOC STUDIES C I 443 3 CR.
PREREQ: 377
COURSE RESTRICTED TO EL ED MAJORS ONLY
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3258005 1 MTWRF 8:00-12:00
SECT 1:JULY 27-AUG 7

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 BE TAKEN CONCURRENTLY WITH 468C,377,468A.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3260005 1 MTWRF 8:40-11:00
SECT 1:MAY 11-JUNE 5

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 BE TAKEN CONCURRENTLY WITH 468D,378,468B.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3261005 1 MTWRF 12:10-2:30
SECT 1:MAY 11-JUNE 5

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 1 MTWRF 9:50-12:00
SECT 1:JUNE 1-26

PRA PRIMRY RDG&LANG C I 468A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
COURSE RESTRICTED TO EL ED MAJORS WITH FULL
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
PROGRAM. TAKE CONCURRENTLY WITH 377,448,468C.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3265005 1 MTWRF 7:30-12:30
SECT 1:JUNE 11-JULY 2

PRA RDG&LANG INTRMD C I 468B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
RESTRICTED TO EL ED MAJORS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. TAKE
CONCURRENTLY WITH 378,449,468D.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3266005 1 MTWRF 7:30-12:30
SECT 1:JUNE 11-JULY 2

TCHG PRACTICUM MATH C I 468C 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
COURSE RESTRICTED TO EL ED MAJORS WITH FULL
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
PROGRAM. MUST BE TAKEN CONCURRENTLY WITH
448,468A,377
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3267005 1 MTWRF 7:30-12:30
SECT 1:JUNE 11-JULY 2

TCHNG PRACTICUM SCI C I 468D 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
COURSE RESTRICTED TO EL ED MAJORS WITH FULL
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
PROGRAM. CONCURRENTLY WITH 449,378,468B.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

3268005 1 MTWRF 7:30-12:30
 SECT 1:JUNE 11-JULY 2

PRACT READNG ENDORS C I 468R 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT; CONCURRENT ENR IN 378
 ADMISSION TO TEACHER EDUC PROGRAM
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$58.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4300005 MTWRF 7:30-12:30
 JUNE 11-JULY 2

INDEP STU PRIN EDUC C I 490D 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD 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

INDEP STUDY HONORS C I 490H 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU SOCIAL STDI C I 490K 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC C I 490M 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FOREIGN LNG C I 490N 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

FND INSTRUCT TECHNO C I 501 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 MATERIALS AND EQUIPMENT USE FEE \$15.00
 2792005 ARRANGED
 JUNE 15-JULY 10
 DELIVERY IS WWW

INTR TECHN IN TEACH C I 505 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2796005 1 MTWR 5:00-8:00PM
 SECT 1:JULY 13-AUG 7

INTRO SCIENCE TEACH C I 514 2 CR.
 PREREQ: BACCALAUREATE DEGREE
 8372005 MW 5:30-8:30PM
 ARRANGED, MAY 11-29

PRIN SECONDARY EDUC C I 526 3 CR.
 PREREQ: 6 CREDITS IN EDUCATION
 7724005 1 MTWRF 1:20-3:30
 SECT 1:JUNE 15-JULY 10

ED PSY&SECNDY CLSRM C I 529 3 CR.
 PREREQ: BACHELOR'S DEGREE, ADMISSION INTO A
 GRADUATE-LEVEL TEACHER LICENSURE PROGRAM
 8674005 1 MWF 8:40-12:20
 SECT 1:JUN29-JULY17&27-31

ADV PEDAG SCIENC ED C I 546 3 CR.
 PREREQ: BACHELOR'S DEGREE
 3527005 1 MTWRF 2:30-4:30
 SECT 1:MAY 11-JUNE 5

RESTRUC SCIENC ACTV C I 548 3 CR.
 PREREQ: ADMISSION TO TEACHER EDUCATION OR
 TEACHING LICENSE
 8417005 MTWRF 11:00-2:20
 MAY 11-29

CORRECTIVE READING C I 552 3 CR.
 PREREQ: 378 OR EQUIV; UNDERGRAD STUDENTS MUST
 REGISTER CONCURRENTLY FOR SP ED 365, 436;
 GRADUATE
 STUDENT MUST HAVE A TEACHING LICENSE
 3276005 1 MTWR 1:00-4:00
 SECT 1:JUNE 8-JULY 2
 3276010 2 MTWR 9:00-12:00
 SECT 2:JUNE 15-JULY 10

RDNG MILD/MO DISABL C I 553 3 CR.
 PREREQ: TEACHING LICENSE
 7267005 1 MTW 1:00-3:40
 SECT 1:JUN 1-17,29-JUL 8

TCHNOL IN READ&LANG C I 556 3 CR.
 PREREQ: TEACHING LICENSE
 1285005 1 MTWRF 9:50-12:00
 SECT 1:JUNE 1-26

TECHNLGY FOR TEACHR C I 570 2 CR.
 PREREQ: C I 201, NON-ENGINEERING MAJOR
 5622005 MTWRF 8:30-11:30
 MTWRF 12:30-3:30
 JUNE 8-12

SUPVS TUTOR READING C I 588 3 CR.
 PREREQ: GRADUATE STATUS, TEACHING LICENSE AND
 CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE
 COURSE
 CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF
 READING PROBLEMS
 9245005 1 MTWRF 1:00-4:00
 ARRANGED
 SECT 1:JUNE 1-JULY 24
 MEETINGS ON JUNE 1-5,12,19,26 JULY
 10,17,24
 9245010 2 MTWRF 9:00-12:00
 ARRANGED
 SECT 2:JUNE 8-JULY 31
 MEETINGS ON JUNE 8-12,19,26 JULY
 10,17,24,31

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

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 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

INSTR TECHNOL WKSHP C I 593B 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 2811005 1 MTWRF 1:00-4:00
 SECT 1:JUNE 22-26
 SECTION 1 TOPIC: DIGITAL CITIZENSHIP.

OFFERED

FOR 1 CREDIT.
 WORKSHOP FEE APPLIES
 2811010 2 MTWRF 1:00-4:00
 SECT 2:JUNE 8-19
 SECTION 2 TOPIC: DIGITAL

STORYTELLING.

OFFERED FOR 2 CREDITS.
 2811015 3 MTWRF 1:00-4:00
 SECT 3:JULY 6-17
 SECTION 3 TOPIC: SECOND LIFE FOR

TEACHERS.

OFFERED FOR 2 CREDITS.

CURRIC THEORY &PRIN C I 594 3 CR.
 PREREQ: GRADUATE STANDING
 2816005 ARRANGED
 MAY 18-JULY 31
 DELIVERY IS WWW

CRTV COMP CURRICULM 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

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

CRTV COMP EDU PSYCH C I 599K 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED C I 599M 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM FOREIGN LANGUAG C I 615J 1 CR.
 4580005 ARRANGED, MAY 18-AUG 7

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 MLTICUL C I 690F VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED C I 690G VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION

ADV SPL TOP F LANGU C I 690J 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 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 FOREIGN LANG C I 699J 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

DANCE

BALLROOM DANCE I DANCE 160 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$10.00
 2842005 1 MTWRF 8:40-9:40
 SECT 1:MAY 18-JUNE 26
 SECTION 1 FOR WOMEN ONLY
 2842010 2 MTWRF 8:40-9:40
 SECT 2:MAY 18-JUNE 26
 SECTION 2 FOR MEN ONLY

DANCE

INDEPENDENT STUDY DANCE 490 1- 3 CR.
 PREREQ: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIES

HISTORY OF ART II DSN S 281 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2637005 MWF 9:50-12:00
 MAY 18-JULY 10

INTERDIS DSN STUDIO DSN S 446 4- 6 CR.
 PREREQ: JR CLASSIFICATION IN A CURRICULUM IN
 THE COLLEGE OF DESIGN AND PERMISSION OF
 INSTRUCTOR
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$750.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2871800 IT ARRANGED ENGLER M
 SECT IT:JUNE 3-JULY 29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
 OF
 DESIGN SUMMER ROME PROGRAM

TOPIC URBAN DESIGN DSN S 478F 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$300.00
 8283800 IT ARRANGED ENGLER M
 SECT IT:JUNE 3-JULY 29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
 OF
 DESIGN SUMMER ROME PROGRAM

TOPICS IN ART HIST DSN S 498 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2788005 1 MTWRF 9:50-10:50
 SECT 1:MAY 18-JULY 10
 SEC 1 TOPIC: SEQUENTIAL ART, COMIC
 STRIPS,
 COMIC BOOKS AND GRAPHIC NOVELS

TOP STDI ARCH&CULTR DSN S 528A 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD
 STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1716005 1 ARRANGED
 SECT 1:MAY 18-JULY 10
 SECTION 1 TOPIC: LOS ANGELES
 ARCHITECTURE
 1716010 2 MW 9:00-12:00
 SECT 2:MAY 18-JULY 10
 SECTION 2 TOPIC: AESTHETICS AND
 ARCHITECTURE

TOPCL STDI CMMUNCAT DSN S 528C 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD
 STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1688005 1 TR 9:00-12:00
 SECT 1:MAY 18-JULY 10
 SECTION 1 TOPIC: SOLAR DECATHLON
 SEMINAR:
 CONTESTS AND COMMUNICATIONS

DESIGN STUDIES

INTERDIS DSN STUDIO DSN S 546 4- 6 CR.
 PREREQ: ADMISSION TO A GRADUATE PROGRAM IN
 THE COLLEGE OF DSGN & INSTRUCTOR PERMISSION
 COURSE ONLY OFFERED FOR 4 CREDITS SUMMER 2009
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$750.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2878800 IT ARRANGED ENGLER M
 SECT IT:JUNE 3-JULY 29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE

OF

DESIGN SUMMER ROME PROGRAM

TOPIC URBAN DESIGN DSN S 578F 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$300.00
 8295800 IT ARRANGED ENGLER M
 SECT IT:JUNE 3-JULY 29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE

OF

DESIGN SUMMER ROME PROGRAM

TOPICS IN ART HIST DSN S 598 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 3200005 1 MTWRF 9:50-10:50
 SECT 1:MAY 18-JULY 10
 SEC 1 TOPIC: SEQUENTIAL ART, COMIC

STRIPS,

COMIC BOOKS AND GRAPHIC NOVELS

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS EEB 590 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND INSTR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EEB 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

FRESHWATER ALGAE EEOB 501I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3855005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

CONSERVATION BIOLGY EEOB 531I 4 CR.
 PREREQ: IA LL 312I
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 4846005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

INTRO DNA TECHNIQS EEOB 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7105005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

INTR PROTEIN TECHNQ EEOB 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7109005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

ECOL & SYST DIATOMS EEOB 580I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3889005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

SPCL TOPICS ECOLOGY EEOB 590A 1- 3 CR.
 PREREQ: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EVOLUT BIOL EEOB 590B 1- 3 CR.
 PREREQ: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD IND STDY IA LL EEOB 590I 1- 4 CR.
 PREREQ: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3981005 1 ARRANGED

CREATIVE COMPONENT EEOB 599 VAR. CR.
 2145005 ARRANGED, MAY 18-AUG 7

RESEARCH EEOB 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL EEOB 699I 1- 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 5628005 ARRANGED

ECONOMICS

PRIN MICROECONOMICS ECON 101 3- 4 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 3100005 1 MTWRF 11:00-12:00
 SECT 1:MAY 18-JULY 10
 SECTION INFO:

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100010 2 MTWRF 11:00-12:00
 SECT 2:JUNE 15-AUG 7
 SECTION INFO:

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

PRIN MACROECONOMICS ECON 102 3 CR.
 PREREQ: 101 RECOMMENDED
 3099005 1 MTWRF 8:40-9:40
 SECT 1:MAY 18-JULY 10
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS

INTERMED MICROECON ECON 301 3- 4 CR.
 PREREQ: 101; MATH 160 OR 165
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3101005 1 MTWRF 9:50-10:50
 SECT 1:JUNE 15-AUG 7
 SECTION INFO:

http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp

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 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 CREDITS
 REQUIRED
 FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
 MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 RESTRICTED TO UNIVERSITY HONORS PROGRAM STUDENTS
 ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL NUMRC METHD EC ECON 509 3 CR.

PREREQ: 500, 501; OR 600, 601
 4784005 1 MWF 4:00-6:15PM
 R 4:00-6:15PM
 SECT 1:JUNE 3-JULY 10
 WILL ONLY MEET ONE THURSDAY - JUNE 4

BUSINESS ECONOMICS ECON 532 3 CR.

PREREQ: 101 AND ENROLLMENT IN MBA OR BAS PROGRAM;
 NOT FOR ECON MAJORS
 COURSE RESTRICTED TO MBA STUDENTS ONLY
 3128005 S S 8:30-12:00
 S 1:00-4:30
 SECT S:JUNE 27-AUG 8
 3128600 XA TR 5:45-9:15PM
 SECT XA:JUNE 30-AUG 6
 CONTACT DEBBIE JOHNSON FOR PERMISSION

TO REGISTER
 AT 515-294-8118 OR
 DLJOHNS@IASTATE.EDU.
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

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

ECONOMICS

ADV TOP ECONOMETRIC ECON 675 3 CR.
 PREREQ: 672 OR STAT 543
 1294005 TR 9:50-11:15
 TR 2:30-3:50
 JUNE 16-AUG 4

ADVANCED TOPICS ECON 690 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP ECON 693 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 6 GRADUATE CREDITS IN CHOSEN FIELD
 8649005 ARRANGED, MAY 18-AUG 7

RESEARCH ECON 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

SEMINAR IN RESEARCH EDADM 615B 1- 3 CR.
 3209005 W 5:30-8:30PM
 R 9:30-3:30, ARRANGED
 MAY 20-JULY 29
 MEETINGS ON MAY 20,27 JUNE
 10,11,17,18 JULY 29.
 THE ARRANGED TIME REPRESENTS TIME
 ON WWW.
 WORKSHOP FEE APPLIES

CAREER INDCTN LDRSH EDADM 633X 1 CR.
 PREREQ: ALL PRIOR CAS COURSES
 8471600 XA RF 8:30-4:00 BOOK M
 SECT XA:JUNE 11-12
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY AMES

INTERNSHIP EDADM 691 1- 3 CR.
 PREREQ: 541, ADMISSION TO PROGRAM, INSTR APPROVAL
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 6849600 XA ARRANGED BOOK M
 SECT XA:MAY 18-AUG 7
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS INDEPENDENT STUDY

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: 4 CREDITS OF 615
 ***** SEE DEPT FOR REFERENCE NUMBERS

ELECTRICAL ENGINEERING

ELECTRIC CIRCUITS E E 201 4 CR.
 PREREQ: CR OR REGISTRATN IN MATH 267 AND PHYS 222
 CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$60.00
 2120005 1 MTWRF 1:20-2:20
 MW 2:30-4:30
 SECT 1:MAY 18-JULY 10

ELECTRICAL ENGINEERING

ELECTRIC CIRCUITS E E 201 4 CR.
 2120010 2 MTWRF 1:20-2:20
 TR 2:30-4:30
 SECT 2:MAY 18-JULY 10

ELECTRON CIRCTS&SYS E E 230 4 CR.
 PREREQ: 201, MATH 267, PHYS 222
 MATERIALS FEE \$50.00
 4639005 1 MTWRF 11:00-12:00
 MR 1:00-4:00
 SECT 1:MAY 18-JULY 10
 4639010 2 MTWRF 11:00-12:00
 TF 8:00-11:00
 SECT 2:MAY 18-JULY 10

COOPERATIVE EDUC E E 298 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP E E 396 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 7249005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC E E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGINEER
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFFCTV E E 409 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5944005 A MTWRF 8:30-5:30
 SECT A:MAY 11-22
 MEETS 8:30-4:30 MAY 11-15; MEETS 1-
 5:30 MAY 18-22

MICROELEC FABRICATN E E 432 4 CR.
 PREREQ: PHYS 222, MATH 267. E E 332 OR MAT E
 331 RECOMMENDED.
 MATERIALS FEE \$250.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9222005 1 ARRANGED
 SECT 1:JUNE 15-AUG 7

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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ELECTRICAL ENGINEERING

COOPERATIVE EDUC E E 498 R CR.
 PREREQ: 398, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

FILTER DESIGN &APPL E E 508 4 CR.
 PREREQ: 501
 1136005 A ARRANGED
 SECT A:MAY 18-AUG 7
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

MICROEL FABRIC TCHQ E E 532 4 CR.
 PREREQ: PHYS 222, MATH 265. EE 332 OR MAT E 331
 RECOMMENDED
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$250.00
 8880005 1 ARRANGED
 SECT 1:JUNE 15-AUG 7

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 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

SPL TOP SIGNL PROCS E E 590I 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT E E 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT CHAIR AND ENGINEERING
 CAREER SERVICES, GRADUATE CLASSIFICATION
 5716005 ARRANGED, MAY 18-AUG 7
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

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

ENGINEERING

ENGR PROB W/CPR LAB ENGR 160 3 CR.
 PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT
 EXAMS; CREDIT OR ENROLLMENT IN MATH 142, 165
 2946005 MTWR 11:00-12:50
 JUNE 15-AUG 7

ENGINEERING

SUMMER INTERNSHIP ENGR 396 R CR.
 PREREQ: PERMISSION OF ENGR UG PROGRAMS ADVISER
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFSSNL INTERNSHIP ENGR 397 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF ADVISER AND ENGINEERING COLLEGE CLASSIFICATION OFFICER
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 166;
 CREDIT OR ENROLLMENT IN PHYS 111 OR 221
 3004005 1 MTWRF 8:40-9:40
 SECT 1:MAY 18-JULY 10
 SECTN 1 RESTRICTED TO ENGR COLLEGE

MAJORS ONLY

MECHAN OF MATERIALS E M 324 3 CR.
 PREREQ: 274
 COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3007005 1 MTWRF 9:50-10:50
 SECT 1:MAY 18-JULY 10

MECH OF MATERLS LAB E M 327 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3008005 1 TR 11:00-1:00
 SECT 1:MAY 18-JULY 10
 3008010 2 TR 9:00-11:00
 SECT 2:JUNE 23-AUG 6
 SECTION 2 RESTRICTED TO C E MAJORS

NEW TO ISU

SUMMER 2009
 3008015 3 TR 2:30-4:30
 SECT 3:JUNE 23-AUG 6
 SECTION 3 RESTRICTED TO C E MAJORS

NEW TO ISU

SUMMER 2009

DYNAMICS E M 345 3 CR.
 PREREQ: 274, CR OR ENROLLMENT IN MATH 266 OR 267
 COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3010005 1 MTWRF 8:40-9:40
 SECT 1:MAY 18-JULY 10

MECHANICS OF FLUIDS E M 378 3 CR.
 PREREQ: 274
 COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3013005 1 MTWRF 7:30-8:30
 M 1:20-3:20
 SECT 1:MAY 18-JULY 10

INDEPENDENT STUDY E M 490 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** 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

ENGINEERING MECHANICS

SPL TOP CELULR MDIA 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

CREATIVE COMPONENT E M 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV EXP MTH 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, MAY 18-AUG 7

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

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 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.
 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.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH NONNATIV II ENGL 101C 3 CR.

PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 ENGL 101C DOES NOT APPLY TOWARD GRADUATION
 3295005 1 MTWR 12:10-2:10
 SECT 1:JUNE 15-JULY 16

ENGLISH NONNATIV II ENGL 101D 3 CR.

PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
 3296005 1 MTWRF 8:40-9:40
 SECT 1:JUNE 15-AUG 7

CRITCL THINK&CMUNIC ENGL 150 3 CR.

PREREQ: CONCURRENT ENROLLMENT IN LIB 160
 SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
 3298005 A MTWRF 8:40-9:40
 SECT A:JUNE 15-AUG 7
 3298015 B MTWRF 9:50-10:50
 SECT B:JUNE 15-AUG 7
 3298025 C MWR 1:00-2:20
 T 1:00-2:20
 SECT C:JUNE 15-AUG 7
 SECTION C FOR APEX PROGRAM STUDENTS

ONLY.

MEETS TUESDAY IN ROSS HALL COMPUTER

ROOM.

WRIT,ORAL,EL COMPOS ENGL 250 3 CR.

PREREQ: 150 OR EXEMPTION FROM 150; CREDIT FOR OR
 CONCURRENT ENROLLMENT IN LIB 160
 SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
 3299005 A MTWRF 9:50-10:50
 SECT A:MAY 18-JULY 10
 3299010 B MTWRF 9:50-10:50
 SECT B:JUNE 15-AUG 7
 3299015 C MTWRF 11:00-12:00
 SECT C:JUNE 15-AUG 7
 3299020 D MWR 1:00-2:20
 T 1:00-2:20
 SECT D:JUNE 15-AUG 7
 SECTION D FOR APEX PROGRAM STUDENTS

ONLY.

MEETS TUESDAY IN ROSS HALL COMPUTER

ROOM.

BUSINESS COMMUNICAT ENGL 302 3 CR.

PREREQ: 250, JUNIOR CLASSIFICATION
 COURSE NOT OPEN TO FRESHMEN AND SOPHOMORES.
 SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB.

3314005 1 MTWRF 7:30-8:30
 SECT 1:MAY 18-JULY 10
 3314010 2 MTWRF 8:40-9:40
 SECT 2:MAY 18-JULY 10
 3314015 3 MTWRF 8:40-9:40
 SECT 3:MAY 18-JULY 10
 3314020 4 MTWRF 9:50-10:50
 SECT 4:MAY 18-JULY 10
 3314025 5 MTWRF 9:50-10:50
 SECT 5:MAY 18-JULY 10
 3314030 6 MTWRF 11:00-12:00
 SECT 6:MAY 18-JULY 10
 3314035 7 MTWRF 11:00-12:00
 SECT 7:MAY 18-JULY 10
 3314040 8 MTWRF 11:00-12:00
 SECT 8:MAY 18-JULY 10
 3314045 9 MTWRF 12:10-1:10
 SECT 9:MAY 18-JULY 10
 3314050 10 MTWRF 1:20-2:20
 SECT 10:MAY 18-JULY 10
 3314055 11 MTWRF 8:40-9:40
 SECT 11:JUNE 15-AUG 7
 3314060 12 MTWRF 8:40-9:40
 SECT 12:JUNE 15-AUG 7
 3314065 13 MTWRF 9:50-10:50
 SECT 13:JUNE 15-AUG 7
 3314006 14 MTWRF 9:50-10:50
 SECT 14:JUNE 15-AUG 7
 3314016 15 MTWRF 11:00-12:00
 SECT 15:JUNE 15-AUG 7
 3314007 16 MTWRF 12:10-1:10
 SECT 16:JUNE 15-AUG 7

CREAT WRITING FICTN ENGL 304 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 3316005 A MTWRF 12:10-1:10
 SECT A:JUNE 15-AUG 7

CREAT WRITING NON-F ENGL 305 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 3317005 A MTWRF 11:00-12:00
 SECT A:JUNE 15-AUG 7

REPT&PROPOSAL WRITNG ENGL 309 3 CR.

PREREQ: 250, JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8089005 A MTWRF 12:10-1:10
 SECT A:JUNE 15-AUG 7

RHETORICAL ANALYSIS ENGL 310 3 CR.

PREREQ: 250
 COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
 8308005 A MTWRF 11:00-12:00
 SECT A:MAY 18-JULY 10

ENGLISH

WRITING FOR THE WWW ENGL 313 3 CR.
PREREQ: 250

COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

5597005 A MTWRF 9:50-10:50
SECT A:MAY 18-JULY 10

TECHNICAL COMMUNCTN ENGL 314 3 CR.

PREREQ: 250, JUNIOR CLASSIFICATION

COURSE RESTRICTED TO JUNIORS AND ABOVE.

SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB.

3356005 1 MTWRF 8:40-9:40
SECT 1:MAY 18-JULY 10

3356010 2 MTWRF 9:50-10:50
SECT 2:MAY 18-JULY 10

3356015 3 MTWRF 9:50-10:50
SECT 3:MAY 18-JULY 10

3356020 4 MTWRF 11:00-12:00
SECT 4:MAY 18-JULY 10

3356025 5 MTWRF 11:00-12:00
SECT 5:MAY 18-JULY 10

3356030 6 MTWRF 12:10-1:10
SECT 6:MAY 18-JULY 10

3356035 7 MTWRF 8:40-9:40
SECT 7:JUNE 15-AUG 7

3356040 8 MTWRF 9:50-10:50
SECT 8:JUNE 15-AUG 7

3356045 9 MTWRF 11:00-12:00
SECT 9:JUNE 15-AUG 7

3356050 10 TR 6:00-9:00PM
SECT 10:JUNE 15-AUG 7

STUDIES IN FILM ENGL 335 3 CR.

PREREQ: 250

MATERIALS FEE \$20.00

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3322005 A MW 1:20-5:00
SECT A:MAY 18-JUNE 26

WOMEN'S LITERATURE ENGL 340 3 CR.

PREREQ: 250

MEETS U.S. DIVERSITY REQMT.

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3323005 A MTWRF 11:00-12:00
SECT A:MAY 18-JULY 10

STU 19TH C AMER LIT ENGL 362 3 CR.

PREREQ: 250; SOPHOMORE CLASSIFICATION

3336005 A MWF 11:00-1:15
SECT A:MAY 18-JUNE 26

STDY&TRAVL LITERATU ENGL 395A VAR. CR.

PREREQ: PERMISSION OF INSTRUCTOR

MEETS INTERNATIONAL PERSPECTIVES REQMT.

5081800 IR ARRANGED PETT S

SECT IR:MAY 14-JUNE 7

SEC IR TAUGHT IN IRELAND: DUBLIN,

SLIGO, DOOLIN,

DINGLE. TITLE: IRISH WRITERS AND

WRITING. SUMMER 2009

CR WRIT WKSHP FICTN ENGL 404 3 CR.

PREREQ: 304

3353005 A MTWRF 12:10-1:10
SECT A:JUNE 15-AUG 7

CR WRIT WKSHP NON-F ENGL 405 3 CR.

PREREQ: 305

3354005 A MTWRF 11:00-12:00

SECT A:JUNE 15-AUG 7

IND STDY LITERATURE ENGL 490A VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE

TO THE SECT TAKEN, JR 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

IND STU LINGUISTICS ENGL 490B VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE

TO THE SECT TAKEN, JR 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 STDY RHETORIC ENGL 490C VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE

TO THE SECT TAKEN, JR 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

IND STU CRITICI LIT ENGL 490D VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE

TO THE SECT TAKEN, JR 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 READING ENGL 490E VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE

TO THE SECT TAKEN, JR 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

IND STU CREATV WRIT ENGL 490F VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE

TO THE SECT TAKEN, JR 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

ENGLISH

IND STU BUS/TCH CMM ENGL 490G VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR 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 250 APPROPRIATE
 TO THE SECT 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. RESTRICTED TO HONORS PROGRAM
 STUDENTS ONLY.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV WKSHP ACAD WRIT ENGL 508 3 CR.
 PREREQ: 6 GRADUATE CREDITS
 5107005 A TR 6:30-9:30PM
 SECT A:MAY 18-JULY 10

INTR LINGUIST ANALY ENGL 511 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 3395005 A MW 8:40-12:10
 SECT A:JUNE 29-AUG 7

SOCIOLINGUISTICS ENGL 514 3 CR.
 PREREQ: 511 OR AN INTRODUCTORY LINGUISTICS COURSE
 3397005 A TR 1:20-4:50
 SECT A:JUNE 29-AUG 7

AMER LIT SINCE 1865 ENGL 534 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 3248005 A TR 6:15-8:45PM
 SECT A:MAY 18-JULY 10

WKSHP WRIT LONG PRJ ENGL 553 3 CR.
 PREREQ: 550, GRAD CLASSIFICATION. OPEN TO GRAD
 STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR
 PERMISSION.
 2965005 A TR 2:30-5:10
 SECT A:MAY 18-JULY 10

ENVIRON FIELD EXPER ENGL 560 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 8229005 A ARRANGED
 SECT A:MAY 18-AUG 7

PRA TCH ENG 2ND LNG ENGL 588 3 CR.
 PREREQ: 15 CREDITS TOWARDS TESL/APPLIED
 LINGUISTICS MASTER'S DEGREE
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$61.50
 3426005 A ARRANGED
 SECT A:MAY 18-AUG 7

ENGLISH

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 RHETOR&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

SPL TP APP LING&TEC ENGL 590G 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

PRACTCM TEC &LINGUI ENGL 688 3 CR.
 PREREQ: 510, 626, OR EQUIV; 2ND YR PH.D. STUDENT
 7633005 A ARRANGED
 SECT A:MAY 18-AUG 7

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 W ARRANGED
 SECT W:MAY 18-JUNE 19
 DELIVERY IS WWW

IND STU RESRCH/WORK ENT 490E 1- 3 CR.
 PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 NO MORE THAN 6 CREDITS OF 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

ENVIRONMENTAL SCIENCE**ENTOMOLOGY**

IND STUDY LAB TEACHG ENT 490U 1- 3 CR.
 PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 NO MORE THAN 6 CREDITS OF 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

WKSHIP INSECT MANAGE ENT 493 1 CR.
 PREREQ: 370,372,376 OR 386
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3227005 ARRANGED, JUNE 22-24
 WORKSHOP FEE APPLIES

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590E 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IMMATUR INS ENT 590M 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CR.
 5345005 A M 3:40-4:50
 SECT A:MAY 18-AUG 7

RESEARCH ENT 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ECOLOGY ENSCI 312 4 CR.
 PREREQ: BIOL 211L AND 212L
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$55.00
 4996005 A MTWR 9:50-11:05
 MW 1:20-4:20
 SECT A:MAY 18-JULY 10
 4996010 B MTWR 9:50-11:05
 TR 1:20-4:20
 SECT B:MAY 18-JULY 10

ECOLOGY ENSCI 312I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 5038005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

INTERNSHIP ENVI SCI ENSCI 390 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

WTRSHED HYDROL&SURF ENSCI 402I 4 CR.
 PREREQ: FOUR COURSES IN PHYSICS OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 1928005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

FLD METHD HYDROGEOL ENSCI 409 2 CR.
 PREREQ: 402 OR 411 OR C E 473
 FIELD TRIPS & TRAVEL FEE \$0.00-\$130.00
 3081005 MTWRF 8:00-5:00
 MAY 18-JUNE 3

PRAIRIE ECOLOGY ENSCI 422I 4 CR.
 PREREQ: FAMILIARITY WITH BASIC PRINCIPLES IN
 BIOLOGICAL SCIENCES AND ECOLOGY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 5041005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

INDEPENDENT STUDY ENSCI 490 VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, APPROVAL OF
 ENVIRONMENTAL SCIENCE COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

AQUATIC ECOLOGY ENSCI 508I 4 CR.
 PREREQ: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 5043005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

ENVIRONMENTAL SCIENCE

FLD METHD HYDROGEOL ENSCI 509 2 CR.
 PREREQ: GEOL 411 OR C E 473
 FIELD TRIPS & TRAVEL FEE \$0.00-\$130.00
 3095005 MTWRF 8:00-5:00
 MAY 18-JUNE 3

SPECIAL TOPICS ENSCI 590 VAR. CR.
 PREREQ: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENSCI 599 VAR. CR.
 PREREQ: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ENSCI 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY ENV S 101 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 3418005 MTWRF 9:50-10:50
 MAY 18-JULY 10

ENVIRONMNTL BIOLOGY ENV S 173 3 CR.
 BIOL/ENV S 173 DOES NOT COUNT TOWARD CREDITS
 REQUIRED IN A BIOLOGY MAJOR
 2022005 A ARRANGED
 SECT A:MAY 18-AUG 7
 DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu>
 SYLLABUS:
<http://project.bio.iastate.edu>

WORLD FOOD ISSUES ENV S 342 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1733005 MTWRF 8:40-10:50
 MAY 18-JUNE 12

INTERNSH ENVIR STDI ENV S 390 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF THE ENV S COORDINATOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ENV S 490 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR AND APPROVAL OF
 ENV S COORDINATOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXERCISE AND SPORT SCIENCE

SWIMMING I EX SP 101 1 CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$5.00
 5660005 1 MTWR 8:40-9:40
 SECT 1:JUNE 15-JULY 30
 5660010 2 MTWR 9:50-10:50
 SECT 2:MAY 18-JULY 2

EXERCISE AND SPORT SCIENCE

POCKET BILLIARDS EX SP 126 1 CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$25.00
 5673005 1 MTWR 12:10-1:10
 SECT 1:JUNE 15-JULY 30
 5673010 2 MTWR 9:50-10:50
 SECT 2:MAY 18-JULY 2

BOWLING EX SP 129 1 CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$25.00
 5675005 1 MTWR 11:00-12:00
 SECT 1:MAY 18-JULY 7
 5675010 2 MTWR 12:10-1:10
 SECT 2:JUNE 15-JULY 30

GOLF EX SP 135 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND EQUIPMENT USE FEE \$30.00
 5678005 1 MTWRF 8:40-9:40
 SECT 1:JUNE 15-JULY 30
 5678010 2 MTWRF 7:30-8:30
 SECT 2:MAY 18-JULY 2

TENNIS EX SP 158 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS FEE \$10.00
 5690005 1 MTWRF 9:50-10:50
 SECT 1:MAY 18-JULY 2
 5690010 2 MTWRF 11:00-12:00
 SECT 2:JUNE 15-JULY 30

WALKING FOR FITNESS EX SP 164 1 CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$7.00
 8867005 1 MTWR 7:30-8:30
 SECT 1:MAY 18-JULY 2
 8867010 2 MTWR 7:30-8:30
 SECT 2:JUNE 15-JULY 30

WEIGHT TRAINING EX SP 166 1 CR.
 SATISFACTORY-FAIL ONLY.
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: ATH 101, SKILL
 TECHNIQUE
 COURSE IN THE SAME SPORT, EX SP 166
 EQUIPMENT USE FEE \$10.00
 5696005 1 MTWR 7:30-8:30
 SECT 1:MAY 18-JULY 2
 5696010 2 MTWR 8:40-9:40
 SECT 2:JUNE 15-JULY 30

BASIC ATHLETIC TRAIN EX SP 220 2 CR.
 PREREQ: BIOL 155 OR 255 AND 256
 MATERIALS FEE \$45.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5729005 1 MTWRF 9:50-11:50
 SECT 1:MAY 18-JUNE 12

PHYS FITNESS & COND EX SP 258 2 CR.
 PREREQ: HHP MAJORS ONLY
 CREDIT FOR EITHER EX SP 163 OR EX SP 258, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 RESTRICTED TO C H E, D EXA, D EXH, EX SP, HHP,
 PDEXA, PDEXH, KIN H MAJORS ONLY.
 PROFESSIONAL SUPPORT AND EQUIPMENT USE FEE \$10.00

EXERCISE AND SPORT SCIENCE

5732005 1 MTWR 8:40-10:20
SECT 1:JUNE 15-JULY 23

ELEM&PRESCH MVMT ED EX SP 284 3 CR.
PREREQ: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES
CREDIT FOR EITHER EX SP 275/312 OR EX SP 284,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS AND EQUIPMENT USE FEE \$15.00
5737005 1 MTWRF 1:20-4:20
SECT 1:JUNE 15-JULY 10

YOUTH SPORT INTERN EX SP 290X 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: HHP MAJOR
8750005 1 ARRANGED
SECT 1:MAY 18-AUG 7

COACH THY&ADMIN ISS EX SP 315 3 CR.
5372005 1 MTWRF 7:30-9:40
ARRANGED
SECT 1:JUNE 15-JULY 10

BIOMECHANICS EX SP 355 3 CR.
PREREQ: PHYS 106 OR 111
MATERIALS AND EQUIPMENT USE FEE \$10.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5752005 1 MTW 11:00-1:00
R 11:00-1:00
SECT 1:MAY 18-JULY 10
5752010 2 MTW 11:00-1:00
R 1:00-3:00
SECT 2:MAY 18-JULY 10
5752015 3 MTW 11:00-1:00
R 8:40-10:40
SECT 3:MAY 18-JULY 10

PHYSIOLOGY EXERCISE EX SP 358 3 CR.
PREREQ: BIOL 255, 255L, 256 AND 256L
MATERIALS AND EQUIPMENT USE FEE \$35.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5766005 1 MTW 9:50-11:20
R 9:50-11:50
SECT 1:JUNE 15-AUG 7
5766010 2 MTW 9:50-11:20
F 9:50-11:50
SECT 2:JUNE 15-AUG 7
5766015 3 MTW 9:50-11:20
R 7:30-9:30
SECT 3:JUNE 15-AUG 7

SOC SPORT &EXERCISE EX SP 360 3 CR.
PREREQ: SOC 134 & ONE OF STAT 101, 104 OR
226/326, OR EX SP 470
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5753005 1 MTWR 7:30-9:10
SECT 1:MAY 18-JUNE 26

MOTOR CNTROL LIFESP EX SP 372 3 CR.
PREREQ: PSYCH 101 OR PSYCH 230, BIOL 255
MATERIALS AND EQUIPMENT USE FEE \$10.00
9623005 2 MTWR 12:10-2:10
SECT 2:MAY 18-JULY 10

EXERCISE AND SPORT SCIENCE

PRIN FITNESS ASSESS EX SP 458 4 CR.
PREREQ: 358
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5767005 1 MTWR 9:50-11:50
SECT 1:MAY 18-JULY 10

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,
ADVANCE REGISTRATION
5772005 ARRANGED, MAY 18-AUG 7
INSTRUCTOR 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, CUMULATIVE GPA 2.0,
SENIOR CLASSIFICATION, ADVANCE REGISTRATION
5773005 ARRANGED, MAY 18-AUG 7
INSTRUCTOR PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNSHP SPORT MGT EX SP 485C 1-16 CR.
SATISFACTORY-FAIL ONLY.
8249005 ARRANGED, MAY 18-AUG 7

ATHL TRAIN COMPETNC EX SP 489 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
SENIOR CLASSIFICATION
3220005 ARRANGED
JUNE 15-AUG 7

IND STUDY EXER&SPRT EX SP 490A 1- 3 CR.
PREREQ: 6 CREDITS FROM HHP ADVANCE CORE 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 ADVANCE CORE 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
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

**FAMILY & CONSUMER SCIENCES ED
& STUDIES**

SUPV EXP ED SERVICE FCEDS 418A 3- 8 CR.
PREREQ: 415, 24 CR IN FAMILY & CONSUMER SCI
RESERVATION REQUIRED. CONTACT DEPARTMENT.
2313005 1 ARRANGED
SECT 1:MAY 18-AUG 7
INSTRUCTOR PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

FAMILY & CONSUMER SCIENCES ED & STUDIES

SUPV EXP FCS STUDIE FCEDS 418B 3- 8 CR.
 PREREQ: 415, 24 CR IN FAMILY & CONSUMER SCI
 RESERVATION REQUIRED. CONTACT DEPARTMENT.
 2359005 ARRANGED, MAY 18-AUG 7
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDY ABROAD SEMINR FCEDS 424 1- 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7156800 RW ARRANGED KEINO L
 SECT RW:MAY 12-30
 SEC RW TAUGHT IN RWANDA & TANZANIA.

TOPIC: SERVICE LEARNING IN RWANDA SUMMER
 2009

IND STUDY INTERNATL FCEDS 490I VAR. CR.
 PREREQ: DEPARTMENTAL APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDY ABROAD SEMINR FCEDS 524 1- 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7157800 RW ARRANGED KEINO L
 SECT RW:MAY 12-30
 SEC RW TAUGHT IN RWANDA & TANZANIA.

TOPIC: SERVICE LEARNING IN RWANDA SUMMER
 2009

SPL TOP OCCUPATN ED FCEDS 590F VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INT'L EDUC FCEDS 590I VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT FCEDS 599 VAR. CR.
 PREREQ: 9 GRAD CREDITS IN FCSED
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH FCEDS 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CR.
 PREREQ: ACCT 284, ECON 101, STAT 226 COURSE NOT OPEN
 TO P BUS MAJORS PERMISSION OF COLLEGE REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN

3689005 A1 MTWRF 12:10-2:10
 SECT A1:JUNE 15-JULY 10
 SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.
 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN OSCM 320 IS
 RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEMESTER
 ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340 AND LSCM
 360.

3689010 A2 MTWRF 12:10-2:10
 SECT A2:JUNE 15-JULY 10
 SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

CORPORATE FINANCE FIN 310 3 CR.
 PREREQ: 301
 COURSE NOT OPEN TO P BUS MAJORS PERMISSION OF
 COLLEGE REQUIRED TO ADD DURING 1 WEEK; GO TO 1200
 GERDIN

3691005 A MTWRF 2:30-4:30
 SECT A:MAY 18-JUNE 12

FINANCE

INVESTMENTS FIN 320 3 CR.
 PREREQ: 301
 COURSE RESTRICTED TO ACCT, BUS S, BUS U,
 FIN, LSCM, MGMT, MIS, MKT, OSCM, AG B MAJORS.
 NOT OPEN TO P BUS MAJORS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3692005 A MTWRF 7:30-9:30
 SECT A:JULY 13-AUG 7

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 MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12

REAL ESTATE PRINCIP FIN 371 3 CR.
 PREREQ: ECON 101
 COURSE RESTRICTED TO FIN MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3690005 A MTWRF 12:10-2:10
 SECT A:JULY 13-AUG 7

INDEPENDENT STUDY FIN 490 1- 3 CR.
 PREREQ: 301, STAT 326, PERMISSION OF INSTRUCTOR
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 INSTRUCTOR 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, MAY 18-AUG 7
 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, MAY 18-AUG 7
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN

INTERNS REAL ESTATE FIN 499C 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 301 PLUS 3 ADDITIONAL CREDITS IN FINANCE;
 STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP
 COORDINATOR
 3098005 ARRANGED, MAY 18-AUG 7
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN

INVESTMENTS FIN 520 3 CR.
 PREREQ: 505
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3704005 S S 8:30-4:30
 SECT S:JUNE 27-AUG 8

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 MTWRF 11:20-2:20
 MAY 18-JULY 10

INTRO HUMAN NUTRITN FS HN 167 3 CR.
 PREREQ: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 MTWR 11:00-12:30
 MAY 18-JULY 10

WORLD FOOD ISSUES FS HN 342 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1923005 MTWRF 8:40-10:50
 MAY 18-JUNE 12

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 MTWRF 11:00-12:30
 MAY 18-JUNE 12

IND STUDY DIETETICS FS HN 490A 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOOD SCI FS HN 490B 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION FS HN 490C 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FS HN 490H 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM
 STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER
 AND DEPARTMENT CHAIR
 NO MORE THAN 3 CREDITS OF FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

SUPRV WORK FOOD SCI FS HN 491B 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER
 AND DEPARTMENT CHAIR
 NO MORE THAN 3 CREDITS OF FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER
 AND DEPARTMENT CHAIR
 NO MORE THAN 3 CREDITS OF FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATNL FS HN 496A 2- 4 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6295805 IN ARRANGED REDDY M
 SECT IN:MAY 15-JUNE 12

SEC IN TAUGHT IN BANGALORE &
 KARNATAKA STATE,
 INDIA. INTEGRATED AGRICULTURE &
 FOOD SYSTEMS:
 IMPROVING RURAL LIVELIHOODS, INDIA

UNDERGRAD RESEARCH FS HN 499 1- 6 CR.
 PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSES TO WORK
 NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS FS HN 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7123005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

INTR PROTEIN TECHNQ FS HN 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7124005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CR.
 PREREQ: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1- 3 CR.
 PREREQ: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATNL FS HN 596A 2- 4 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6306805 IN ARRANGED REDDY M
 SECT IN:MAY 15-JUNE 12
 SEC IN TAUGHT IN BANGALORE &
 KARNATAKA STATE,
 INDIA. INTEGRATED AGRICULTURE &
 FOOD SYSTEMS:

FOOD SCIENCE & HUMAN NUTRITION

IMPROVING RURAL LIVELIHOODS, INDIA

CREATIVE COMPONENT FS HN 599 VAR. CR.
3213005 1 ARRANGED
SECT 1:MAY 18-AUG 7

SEMINAR FS HN 681 1 CR.
3648005 ARRANGED, MAY 18-AUG 7

SPECIAL PROBLEMS FS HN 690 VAR. CR.
PREREQ: 502 OR 503 OR 504 OR 553 OR 554
***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FOOD SCI&TEC FS HN 699 VAR. CR.
SATISFACTORY-FAIL ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

SPL PROB LEADERSHIP FOR 290A 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7928005 ARRANGED, MAY 18-AUG 7

SPL PROB ECOSYS MGT FOR 290B 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7929005 ARRANGED, MAY 18-AUG 7

SPL PRB RESRC CNSRV FOR 290C 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7930005 ARRANGED, MAY 18-AUG 7

SPL PROB URB&COMMUN FOR 290D 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7931005 ARRANGED, MAY 18-AUG 7

SPL PROB WOOD SCIEN FOR 290E 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7932005 ARRANGED, MAY 18-AUG 7

CR COMP FOR BIOLOGY FOR 599A 1-12 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 1-12 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 1-12 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 1-12 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 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

FOREST BIOLGY RSRCH FOR 699A 1-12 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RESRCH FOR 699B 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 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 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTARY FRENCH I FRNCH 101 4 CR.
MATERIALS AND EQUIPMENT USE FEE \$25.00
3803005 1 MTWRF 8:40-11:40
SECT 1:MAY 18-JUNE 12

ELEMENTRY FRENCH II FRNCH 102 4 CR.
PREREQ: 101
MATERIALS AND EQUIPMENT USE FEE \$25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3804005 1 MTWRF 8:40-11:40
SECT 1:JUNE 15-JULY 10

STUDY ABROAD FRNCH 395 1-10 CR.
PREREQ: 2 YEARS UNIVERSITY-LEVEL FRENCH
COURSE ONLY OFFERED FOR 8 CREDITS SUMMER 2009
MEETS INTERNATIONAL PERSPECTIVES REQMT.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3820005 RG ARRANGED
SECT RG:MAY 24-JULY 4
SECTION RG IS REGENTS EXCHANGE
PROGRAM IN LYON

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

GENETICS

BIOTEC AG, FOOD, HLTH GEN 308 3 CR.
 PREREQ: BIOL 211 AND 212
 5280005 A ARRANGED

SECT A: JUNE 15-AUG 7
 DELIVERY IS WWW
 SECTION INFO:

<http://project.bio.iastate.edu/>

PRINCIP OF GENETICS GEN 313 3 CR.
 PREREQ: BIOL 211L & 212L

CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL
 313/301

AND 313L/301L, GEN/AGRON 320
 9559005 1 MTWRF 8:40-9:40
 SECT 1: MAY 18-JULY 10

GENETICS RESEARCH GEN 490R 1- 5 CR.
 PREREQ: GEN/BIOL 313, JR/SR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR

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: GEN/BIOL 313, JR/SR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR

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

GENETICS - INTERDISCIPLINARY

SPECIAL TOPICS GENET 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT GENET 697 VAR. CR.
 9316005 ARRANGED, MAY 18-AUG 7

RESEARCH GENET 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS, DEVELOPMENT & CELL BIOL

BIOTEC AG, FOOD, HLTH GDCB 508 3 CR.
 PREREQ: BIOL 211 AND 212
 5342005 ARRANGED
 JUNE 15-AUG 7
 DELIVERY IS WWW

INTRO DNA TECHNIQS GDCB 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7089005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

GENETICS, DEVELOPMENT & CELL BIOL

INTR PROTEIN TECHNQ GDCB 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7092005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

SPECIAL TOPICS GDCB 590 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2009
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GDCB 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL GDCB 699I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3967005 ARRANGED

GEOLOGY

ENVIRONMNTL GEOLOGY GEOL 101 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 7596005 MTWRF 9:50-10:50
 MAY 18-JULY 10

INDEPENDENT STUDY GEOL 290 2- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUMMER FIELD STUDY GEOL 302 6 CR.
 PREREQ: 102, 356, 368
 FIELD TRIPS & TRAVEL FEE \$1,175.00-\$1,675.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3881005 1 ARRANGED
 SECT 1: MAY 25-JULY 4

FLD METHD HYDROGEOL GEOL 409 2 CR.
 PREREQ: 401 OR 411 OR C E 473
 FIELD TRIPS & TRAVEL FEE \$0.00-\$130.00
 7671005 MTWRF 8:00-5:00
 MAY 18-JUNE 3

INDEPENDENT STUDY GEOL 490 1- 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

FLD METHD HYDROGEOL GEOL 509 2 CR.
 PREREQ: 411 OR C E 473
 FIELD TRIPS & TRAVEL FEE \$0.00-\$130.00
 9169005 MTWRF 8:00-5:00
 MAY 18-JUNE 3

SPL TOP SURFIC PROC GEOL 590A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

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 HYDROGEOL 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.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** 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

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTARY GERMAN I GER 101 4 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 3949005 MTWRF 8:40-11:40
 MAY 18-JUNE 12

HEALTH & HUMAN PERFORMANCE

GERMAN

ELEMENTARY GERMAN II GER 102 4 CR.
 PREREQ: 101
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3950005 MTWRF 8:40-11:40
 JUNE 15-JULY 10

GERONTOLOGY

AGING & THE FAMILY GERON 377 3 CR.
 PREREQ: HD FS 102
 MEETS U.S. DIVERSITY REQMT.
 7865005 MTWRF 9:50-12:00
 MAY 18-JUNE 12

GERONTL PREPRAC SEM GERON 466 1 CR.
 PREREQ: 9 CR IN CORE COURSES FOR THE GERON
 MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
 7869005 ARRANGED
 MAY 18-JULY 10

GERONTOL PRACTICUM GERON 467 3- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 466, ADVANCE RESERVATION
 7870005 ARRANGED, MAY 18-AUG 7

SEMINAR GERON 501 VAR. CR.
 4831800 FR ARRANGED MARTIN P
 SECT FR:JULY 4-17
 SEC FR TAUGHT IN FRANCE, NETHERLANDS,
 GERMANY.
 'GERONTOLOGY ABROAD' OFFERED FOR 3
 CREDITS SUMMER
 2009

SPECIAL TOPICS GERON 590 VAR. CR.
 3059005 ARRANGED, MAY 18-AUG 7

GRADUATE STUDIES

PREP FAC TCHG PRACT GR ST 587 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, 585, CR FOR OR
 CONCURRENT ENROLLMENT IN 586
 7679005 ARRANGED, MAY 18-AUG 7
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

PREP FTR FAC SPL TP GR ST 588 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, 585, CREDIT FOR
 OR CONCURRENT ENROLLMENT IN 586
 8341005 ARRANGED, MAY 18-AUG 7
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

EXAMINATION ONLY GR ST 600 R CR.
 3972005 ARRANGED, MAY 18-AUG 7

REQUIRED ENROLLMENT GR ST 601 R CR.
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4482005 ARRANGED, MAY 18-AUG 7

ADV PHYSIOL EXERC I HHP 550 3 CR.
 PREREQ: 505
 5791005 1 MWF 8:40-9:40
 ARRANGED
 SECT 1:JUNE 15-AUG 7

SPECIAL TOPICS P E HHP 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 HHP 590B 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 HHP 590D 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO HHP 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 HHP 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 BEHAV HHP 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 HHP 590H 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HUMN GRWTH HHP 590I 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 HHP 591A 1- 6 CR.
 PREREQ: 10 GRAD CR IN HHP 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 HHP 591D 1- 6 CR.
 PREREQ: 10 GRAD CR IN HHP AND/OR RELATED AREA
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HHP 599 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HEALTH & HUMAN PERFORMANCE

RESEARCH HHP 699 1- 6 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; 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 \$10.00
 4081005 1 MTWRF 7:30-9:40
 SECT 1:MAY 18-JUNE 12
 4081010 2 MTWRF 11:00-1:00
 SECT 2:JULY 13-AUG 7

PERS &CONSUMER HLTH H S 110 3 CR.
 4082005 1 MTWRF 9:50-11:50
 SECT 1:MAY 18-JUNE 12

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
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4084005 1 MTWRF 9:50-11:50
 SECT 1:MAY 18-JUNE 12

TEACH-LEARN HLTH ED H S 375 3 CR.
 PREREQ: 105, 110, 215
 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
 4089005 1 MTWRF 9:50-11:50
 SECT 1:MAY 18-JUNE 12

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, MAY 18-AUG 7

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

HIGHER EDUCATION

HIGHER EDUC IN U.S. HG ED 504 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO EL PS MAJORS ONLY
 4111005 MWF 7:30-1:00
 MAY 11-29

STUDENTS AMER HG ED HG ED 578 3 CR.
 PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM
 7348005 TR 8:40-4:40
 MAY 12-28

HIGHER EDUCATION

COMPRE COMM COLLEGE HG ED 582 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4115005 WRF 8:40-4:40
 JUN24-26 &JUL15-17

SPL TOP STDT SERVIC 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HG ED 599 VAR. CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM N CURRENT ISSUES HG ED 615C 1- 4 CR.
 4140005 1 MT 8:40-4:40
 SECT 1:MAY 11-12
 SEC. 1 OFFERED FOR 1 CREDIT. TOPIC:

LEARNING COMMUNITIES IN HIGHER EDUC.
 WORKSHOP FEE APPLIES
 4140010 2 ARRANGED
 SECT 2:MAY 11-JUNE 5
 SEC. 2 OFFERED FOR 3 CREDITS. MEETS
 1:30-5:00 MAY 11,13,18,20,26,28. MEETS 9:00-
 4:00 JUNE 1,3,5. TOPIC: CRITICAL RACE THEORY IN
 HIGHER EDUCATION.

SEM RESEARCH DESGNS HG ED 615H 1- 4 CR.
 4145005 W 5:30-8:30PM
 R 9:30-3:30, ARRANGED
 MAY 20-JULY 29
 MEETINGS ON MAY 20,27 JUNE
 10,11,17,18 JULY 29.
 THE ARRANGED TIME REPRESENTS TIME
 ON WWW. WORKSHOP FEE APPLIES

HIGHER EDUCATION

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

STUDI FOUND AMER ED H P C 504 3 CR.
 PREREQ: ADMISSION TO GRADUATE LICENSURE PROGRAM
 IN TEACHER EDUCATION OR PERMISSION OF INSTRUCTOR
 2604005 TR 9:50-12:20
 JUNE 15-AUG 7

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 TOPC COMPAR ED H P C 590C 1- 5 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

INTRO WESTERN CIV I HIST 201 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4150005 MTWRF 9:50-11:50
 JUNE 15-JULY 10

INTR WESTERN CIV II HIST 202 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4151005 MTWRF 12:10-2:10
 JUNE 15-JULY 10

U.S. HIST 1900-1945 HIST 360 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 4219005 MTWRF 9:50-11:50
 MAY 18-JUNE 12

W EUROPE: 284-1000 HIST 405 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4194005 MTWRF 12:10-2:10
 MAY 18-JUNE 12

HISTORY

INDEPENDENT STUDY HIST 490 1- 3 CR.
 PREREQ: 9 CREDITS IN HISTORY; PERMISSION OF
 DEPARTMENT CHAIR
 COURSE NOT OPEN TO FRESHMEN. NO MORE THAN 6
 CREDITS OF HIST 490 MAY BE APPLIED TOWARD
 GRADUATION
 WITH A MAJOR IN HISTORY. NO CREDITS OF HIST 490
 MAY
 BE APPLIED TOWARD A MINOR IN HISTORY.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS HIST 590 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

RESEARCH HIST 699 1- 6 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

HORT MGT EXPERIENCE HORT 391 1 CR.
 PREREQ: 221, PERMISSION OF INSTRUCTOR
 NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE HORTICULTURAL SCIENCES COURSE
 REQUIREMENTS.
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CR.
 SATISFACTORY-FAIL ONLY.
 3652005 ARRANGED, MAY 18-AUG 7

IND ST GREENHS CROP HORT 490A VAR. CR.
 PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE
 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: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE
 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: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

HORTICULTURE

IND STU FRUIT CROPS HORT 490D VAR. CR.
 PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE

HORTICULTURE
 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: SR CLASSIF IN HORT, PERMISSN OF INSTRUCR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE

HORTICULTURE
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CR.
 PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE

HORTICULTURE
 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: SR CLASSIF IN HORT, PERMISSN OF INSTRUCR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE

HORTICULTURE
 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 AND AN ADDITIONAL 2 CREDITS OF 490
 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL
 OF 128 CREDITS REQUIRED FOR GRADUATION. COURSE
 RESTRICTED TO UNIVERSITY HONORS PROGRAM STUDENTS ONLY.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STU SERVC LEARN HORT 490Z 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR

NO MORE THAN 6 CREDITS OF HORT/AGRON 490Z MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION

7955800 UG ARRANGED NONNECKE G
 SECT UG:JUNE 6-JULY 10

SEC UG TAUGHT IN UGANDA. TOPIC:
 CREATING A SCHOOL GARDEN: SERVICE LEARNING IN UGANDA.
 OFFERED FOR 4 CREDITS SUMMER 2009.

HORTICULTR WORKSHOP HORT 493 VAR. CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7617005 ARRANGED, MAY 18-AUG 7

HORTI TRAVEL COURSE HORT 496 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR

MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2433805 IN ARRANGED REDDY M

SECT IN:MAY 15-JUNE 12
 SEC IN TAUGHT IN BANGALORE &

KARNATAKA STATE,

INDIA. INTEGRATED AGRICULTURE &

FOOD SYSTEMS:

IMPROVING RURAL LIVELIHOODS, INDIA

INTRO DNA TECHNIQS HORT 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3106005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

INTR PROTEIN TECHNQ HORT 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3134005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

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, MAY 18-AUG 7

WKSHP NURSERY CROPS HORT 593B VAR. CR.
 4340005 ARRANGED, MAY 18-AUG 7

WORKSHOP TURFGRASS HORT 593C VAR. CR.
 4341005 ARRANGED, MAY 18-AUG 7

WORKSHP FRUIT CROPS HORT 593D VAR. CR.
 4342005 ARRANGED, MAY 18-AUG 7

WORKSHOP VEG CROPS HORT 593E VAR. CR.
 4343005 ARRANGED, MAY 18-AUG 7

WKSHP CROSS-COMMODT HORT 593F VAR. CR.
 4344005 ARRANGED, MAY 18-AUG 7

WKSHP LANDSCAP HORT HORT 593G VAR. CR.
 4094005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT HORT 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS HORT 690 VAR. CR.
 4348005 ARRANGED, MAY 18-AUG 7

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

RESEARCH VEG CROPS HORT 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

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

MERCHANDISING HRI 275 3 CR.
 PREREQ: T C 111, 131; OR HRI 101, 3 CR IN MATH
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$20.00
 6237005 1 MTWRF 12:10-2:10
 SECT 1:JUNE 15-JULY 10

HOSP TLT FINANCL MGT HRI 433 3 CR.
 PREREQ: 333; ACCT 284; ECON 101; CREDIT OR
 ENROLLMENT IN STAT 101
 9349005 1 MTWRF 12:10-2:10
 SECT 1:JULY 13-AUG 7

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 STU 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

INDEP STUDY HONORS HRI 490H VAR. CR.
 PREREQ: PROGRAM APPROVAL, FULL MEMBERSHIP IN
 HONORS PROGRAM
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM N HOSP TLTY RSRCH HRI 504A 1 CR.
 5757005 S 8:00-5:00, ARRANGED
 JUNE 20-21
 THE ARRANGED TIME REPRESENTS THE
 SUNDAY MEETING
 WHICH WILL BE 8:00-5:00

SEM NR CURRENT ISSUE HRI 504B 1 CR.
 5758005 S 8:00-5:00, ARRANGED
 JULY 25-26
 THE ARRANGED TIME REPRESENTS THE
 SUNDAY MEETING
 WHICH WILL BE 8:00-5:00

SP TOP HOSP TLTY MGT HRI 590B VAR. 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

HOTEL RESTAURANT & INSTITUTION MGMT

SPL TP FOOD SERV OP HRI 590E VAR. 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

PROF WRITNG FD&LODG HRI 604 2 CR.
 8484005 MTWRF 6:00-9:00PM
 JUNE 22-26

ADV HR MGT FDSRV&LG HRI 638 3 CR.
 PREREQ: 538
 4400005 MTWRF 8:00-5:00

ARRANGED
 JUNE 28-JULY 3
 THE ARRANGED TIME REPRESENTS THE
 SUNDAY MEETING
 WHICH WILL BE 6:00-8:00 P.M.
 4400600 XA MTWRF 8:00-5:00 WOHLSDORF-
 ARENDT
 ARRANGED WOHLSDORF-
 ARENDT
 SECT XA:JUNE 28-JULY 3
 THE SUNDAY MEETING IS 6:00-8:00 P.M.
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY AMES

ANALY OF RSRCH FDSV HRI 680 3 CR.
 PREREQ: ENROLLMENT IN PH D PROGRAM
 3498005 MTWRF 8:00-5:00
 ARRANGED, JUNE 14-19
 THE ARRANGED TIME REPRESENTS THE
 SUNDAY MEETING
 WHICH WILL BE 6:00-8:00 P.M.

ADV TOP HSPTLTY MGT HRI 690B VAR. CR.
 PREREQ: ENROLLMENT IN DOCTORAL PROGRAM
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 2664600 XA MTWRF 8:00-5:00 ZHENG T
 ARRANGED ZHENG T
 SECT XA:JUNE 21-26
 THE SUNDAY MEETING IS 6:00-8:00 P.M.
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY AMES

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

HUMAN COMPUTER INTERACTION

SPECIAL TOPICS HCI 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EMERGING PRACTICES HCI 596X 3 CR.
 PREREQ: 521
 8964005 A W 6:00-9:00PM
 SECT A:MAY 18-AUG 7

HUMAN COMPUTER INTERACTION

HCI INTERNSHIP HCI 697X 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HCI 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

ADOLESCENT DEVELPMT HD FS 227 3 CR.
 PREREQ: 102 OR PSYCH 101 OR 230
 6972005 MTWRF 8:40-10:50
 JUNE 30-JULY 27

HUMAN SEXUALITY HD FS 276 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 3496005 MTWR 8:40-11:10
 MAY 18-JUNE 12

PRSNL&FAMILY FINAN HD FS 283 3 CR.
 3499005 1 MTWRF 11:00-1:10
 SECT 1:MAY 18-JUNE 12

FLD EXP EARLY CHILD HD FS 317A 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 343, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YROLD HD FS 317D 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 226, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 340, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH HD FS 317F 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 269, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMLY DIVERSITY ISS HD FS 349 3 CR.
 PREREQ: 9 CR IN SOCIAL SCIENCES INCLUDING 102 OR
 PSYCH 231
 MEETS U.S. DIVERSITY REQMT.
 2207005 MTWR 9:50-12:00
 MAY 18-JUNE 26

COMMUNIC FAMILY DEV HD FS 370 3 CR.
 PREREQ: 3 CREDITS IN SOCIAL SCIENCES
 3503005 MTWRF 8:40-10:40
 MAY 18-JUNE 12

HUMAN DEVELOPMENT & FAMILY STUDIES

AGING & THE FAMILY HD FS 377 3 CR.
 PREREQ: 102
 MEETS U.S. DIVERSITY REQMT.
 3506005 MTWRF 9:50-12:00
 MAY 18-JUNE 12

CHLD, FAM&PUB POLCY HD FS 395 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCIENCES
 1155005 MTW 8:40-11:05
 JUNE 29-AUG 7

IND STU CHLD&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 STU FAMLY FINAN 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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMPLY HD FS 490I VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 8 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 449; INSTRUCTOR PERMISSN, SENIOR CLASSIF
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH HD FS 499X 1- 6 CR.
 PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSED TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEX THERAPY HD FS 586 3 CR.
 PREREQ: 578 OR 571
 7421005 MTWRF 12:10-2:20
 MAY 18-JUNE 12

SPCL TOP FAMILY STU HD FS 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

HUMAN DEVELOPMENT & FAMILY STUDIES

SPL TOPICS HOUSING HD FS 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY FINAN 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

INTERNSHP FAM STUDI HD FS 591A VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMILY FINAN HD FS 591C VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP HUM DEVEL HD FS 591D VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP CHILD DEV HD FS 591E VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP EARLY ED HD FS 591F VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN EARLY SPL ED HD FS 591G VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP THERAPY HD FS 591M VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 FAMLY FINAN 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 INTERNSHP HD FS 691C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP HD FS 691D VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

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

RSRCH FAMILY FINANC 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 CHLDHED 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 STU 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

RESEARCH IMBIO 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

COOPERATIVE EDUC I E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGR ECONOMIC ANALY I E 305 3 CR.
 PREREQ: MATH 166
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4425005 MTWRF 11:00-12:00
 MAY 18-JULY 10
 4425800 SP ARRANGED SLY D
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER

INDUSTRIAL ENGINEERING

SUMMER INTERNSHIP I E 396 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 5813005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUCATN I E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFFCTV I E 409 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5998005 A MTWRF 8:30-5:30
 SECT A:MAY 11-22
 MEETS 8:30-4:30 MAY 11-15; MEETS 1-5:30 MAY 18-22

MANUFACT SYSTM ENGR I E 448 3 CR.
 PREREQ: 248 OR SIMILAR MANUFACTURING EXPERIENCE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6090005 MTWRF 8:40-9:40
 MAY 18-JULY 10

IND STDY MANUFACTRG I E 490A 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN FACTR I E 490B 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU OPER RESRCH I E 490C 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTPRSE CMP I E 490D 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** 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
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSN OF DEPTMNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

IOWA LAKESIDE LABORATORY

INDUSTRIAL ENGINEERING

SPECIAL TOPICS I E 590 1- 3 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 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7999005 ARRANGED, MAY 18-AUG 7

INDUS ENGR RESEARCH I E 699A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS RESEARCH I E 699C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

INFO ASSURNC INTERN INFAS 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSN OF DEPT, GRADUATE CLASSIFICATION
 8082005 A ARRANGED
 SECT A:MAY 18-AUG 7

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CR.
 4480005 ARRANGED, MAY 18-AUG 7

THESIS RESEARCH IGS 699 VAR. CR.
 4481005 ARRANGED, MAY 18-AUG 7

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 9582005 MTWRF 1:20-3:20
 JUNE 15-JULY 10

IOWA LAKESIDE LABORATORY

UNDERGRAD INTERNSHP IA LL 303I 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3683005 ARRANGED

ECOLOGY IA LL 312I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3707005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

ORNITHOLOGY IA LL 326I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3721005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

PLANT TAXONOMY IA LL 367 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3748005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

WTRSHED HYDROL&SURF IA LL 402I 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 5798005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

PRAIRIE ECOLOGY IA LL 422I 4 CR.
 PREREQ: FAMILIARITY WITH BASIC PRINCIPLES IN
 BIOLOGICAL SCIENCES AND ECOLOGY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3830005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

UG INDEP STDY IA LL IA LL 490I 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3984005 ARRANGED

NATUR HIST PRAIRIES IA LL 493G 1- 2 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2009
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 4932005 MTWRF 8:00-5:00
 JUNE 15-19

UNDERGRAD RESEARCH IA LL 499 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND
 PERMISSION OF INSTRUCTOR
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3565005 ARRANGED

FRESHWATER ALGAE IA LL 501I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3853005 MTWRF 8:00-5:00
 MAY 18-JUNE 12

IOWA LAKESIDE LABORATORY

GRADUATE INTERNSHPS IA LL 503 1- 5 CR.
 PREREQ: PERMISN OF INSTRUCTOR & GRADUATE STANDING
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3859005 ARRANGED

AQUATIC ECOLOGY IA LL 508I 4 CR.
 PREREQ: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3860005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

CONSERVATION BIOLGY IA LL 531I 4 CR.
 PREREQ: IA LL 312I
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 4845005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

ENVIRON DATA ANALYS IA LL 532 2 CR.
 PREREQ: AN UNDERGRADUATE COURSE IN STATISTICS,
 UNDERSTANDING OF BASIC CONCEPTS SUCH AS
 CORRELATION
 AND REGRESSION, AND FAMILIARITY WITH PC-BASED
 SOFTWARE FOR DATA ANALYSIS
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 8207005 MTWRF 8:00-5:00
 JULY 13-24

ECOL & SYST DIATOMS IA LL 580I 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3888005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

GRAD IND STDY IA LL IA LL 590I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR & GRAD CLASSIF
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3977005 1 ARRANGED

NATUR HIST PRAIRIES IA LL 593G 1 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 8989005 MTWRF 8:00-5:00
 JUNE 15-19

RESEARCH - IA LL IA LL 699I 1- 4 CR.
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
 3965005 ARRANGED

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CR.
 4656005 1 MTWRF 12:10-2:10 HARMS C
 SECT 1:JUNE 15-JULY 10
 SYLLABUS:
 http://www.jlmc.iastate.edu/undergrad/syllabi.ht

JOURNALISM & MASS COMMUNICATION

REPORT&WRIT MASS MD JL MC 201 3 CR.
 PREREQ: ENGL 250 (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
 SCHOOL'S

ENGLISH USAGE TEST
 FOR ADVRT, JL MC, P ADV, P JMC MAJORS ONLY
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4658005 1 MTWR 8:40-10:50 BEELL T
 SECT 1:MAY 18-JULY 10
 SYLLABUS:

http://www.jlmc.iastate.edu/undergrad/syllabi.ht
 4658010 2 MTWR 11:00-1:10 ABBOTT E
 SECT 2:MAY 18-JULY 10
 SYLLABUS:

http://www.jlmc.iastate.edu/undergrad/syllabi.ht
 4658015 3 MTWR 1:20-3:30
 SECT 3:MAY 18-JULY 10

STRATEG PLAN AD&P R JL MC 301 3 CR.
 PREREQ: ADVRT 230 OR JL MC 220; SOPHOMORE
 CLASSIFICATION
 3838005 1 MTWRF 8:40-10:50 MONAHAN L
 SECT 1:JUNE 15-JULY 10

VISUAL PRIN MASS CM JL MC 342 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 4673005 1 MTWRF 9:50-11:10 RODRIGUEZ L
 SECT 1:MAY 18-JUNE 26
 SYLLABUS:
 http://www.jlmc.iastate.edu/undergrad/syllabi.ht

LAB BAS VISUAL PRIN JL MC 342L 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 342
 COURSE RESTRICTED TO ADVRT, JL MC, P ADV,
 P JMC SOPHOMORES, JUNIORS AND SENIORS ONLY
 5325005 1 MTWRF 12:10-2:20 GROSHEK J
 SECT 1:MAY 18-JUNE 26

MASS COMMUNICAT LAW JL MC 460 3 CR.
 PREREQ: 201, JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO ADVRT, JL MC JUNIORS AND
 SENIORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4688005 1 MTWRF 2:30-4:40 BLEVINS J
 SECT 1:MAY 18-JUNE 12
 SYLLABUS:
 http://www.jlmc.iastate.edu/undergrad/syllabi.ht

ETHNIC,GENDER&MEDIA JL MC 477 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4554005 1 MTWRF 8:40-10:50
 SECT 1:MAY 18-JUNE 12

INDEP STDY CMUNCATN JL MC 490 VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION AND CONTRACT WITH
 SUPERVISING PROFESSOR TO REGISTER
 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: JL MC MAJORS, 202 OR 206 OR 321; ADVRT
 MAJORS, JL MC 201, ADVRT 301; ALL STUDENTS, JR
 CLASSIFICATION, FORMAL FACULTY ADVISER APPROVAL
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

JOURNALISM & MASS COMMUNICATION

STRATEG OF COMMUNIC JL MC 510 3 CR.
 PREREQ: 501 OR EQUIVALENT SOCIAL SCI THEORY
 4730005 1 MTWRF 9:50-11:50 LEE S
 SECT 1:JULY 13-AUG 7

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 TOP RSRCH MTHD 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

CREATIVE COMPONENT JL MC 599 VAR. CR.
 PREREQ: APPROVED CREDIT COMPONENT PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH JL MC 699 VAR. CR.
 PREREQ: APPROVED THESIS PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

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 \$0.00-\$610.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4771800 IT ARRANGED ENGLER M
 SECT IT:JUNE 3-30
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
 OF DESIGN SUMMER ROME PROGRAM

URBAN DESIGN L A 402 6 CR.
 PREREQ: 302
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$610.00
 6174800 IT ARRANGED ENGLER M
 SECT IT:JUNE 3-JULY 29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
 OF DESIGN SUMMER ROME PROGRAM

LANDSCAPE ARCHITECTURE

LAND ARCH INTERNSHP L A 451A R CR.
 PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
 3036005 1 ARRANGED
 SECT 1:MAY 18-AUG 7

L ARCH STUDY ABROAD L A 451B R CR.
 PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
 6212005 ARRANGED, MAY 18-AUG 7

LA NAT'L STDT XCHNG L A 451C R CR.
 PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
 6213005 ARRANGED, MAY 18-AUG 7

TOPIC URBAN DESIGN L A 478F 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$300.00
 3919800 IT ARRANGED ENGLER M
 SECT IT:JUNE 3-JULY 29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
 OF DESIGN SUMMER ROME PROGRAM

IND STDY LAND DSIGN L A 490A 1- 6 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- 6 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- 6 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- 6 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 STU LANDSC PLAN L A 490E 1- 6 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 URBAN DSGN L A 490F 1- 6 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- 6 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

INDEP STUDY HONORS L A 490H 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 MEMBERSHIP IN UNIV HONORS PROGRAM

COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 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- 6 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 STU INT'L STUDI L A 490J 1- 6 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- 6 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- 6 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 SOCIAL/BHV L A 490M 1- 6 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 STU NATU RESRCE L A 490N 1- 6 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

TOPIC URBAN DESIGN L A 578F 2- 3 CR.

PREREQ: SENIOR OR GRADUATE STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$300.00
 4199800 IT ARRANGED ENGLER M
 SECT IT:JUNE 3-JULY 29
 SEC IT TAUGHT IN ROME, ITALY. COLLEGE

OF

DESIGN SUMMER ROME PROGRAM

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

SPL TOP LANDSC DSGN L A 590A 1- 6 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- 6 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- 6 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- 6 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- 6 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- 6 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 TOPICS GRAPHICS L A 590G 1- 6 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- 6 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- 6 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- 6 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- 6 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 TOPC ECO DESIGN L A 590L 1- 6 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 SOCIAL/BEHV L A 590M 1- 6 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 NATU RESRCE L A 590N 1- 6 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

CREATIVE COMPONENT L A 599 1- 8 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 1- 8 CR.
 PREREQ: PERMISSION OF MAJOR PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN I LATIN 101 4 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 4854005 W ARRANGED
 SECT W:MAY 18-AUG 7
 DELIVERY IS WWW

ELEMENTARY LATIN II LATIN 102 4 CR.
 PREREQ: 101
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4855005 W ARRANGED
 SECT W:MAY 18-AUG 7
 DELIVERY IS WWW

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

SPECIAL PROBLEMS LAS 290D 1- 3 CR.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION;
 PERMISSION OF LAS DEAN
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

SPL PROB CATT CENTR LAS 290G 1- 3 CR.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION,
 PERMISSION OF THE DIRECTOR OF THE CATT CENTER
 PERMISSION OF DIRECTOR OF THE CATT CENTER
 REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN
 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS CAREER SERVICES,
 SOPHOMORE CLASSIFICATION
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS CAREER SERVICES,
 JUNIOR CLASSIFICATION
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LAS 490A VAR. CR.
 PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRNSH LAS 490E VAR. CR.
 PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED
 TOWARD GRADUATION.
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR LAS 490G VAR. CR.
 PREREQ: PERMISSION OF DIRECTOR OF CATT CENTER
 COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2009.
 NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED
 TOWARD GRADUATION.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS CAREER SERVICES,
 SENIOR CLASSIFICATION
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CR.
 PREREQ: PERMISSION OF LAS CAREER SERVICES
 PERMISSION OF LAS ASSOC DEAN ZORA ZIMMERMAN REQ'D
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** 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
 4862005 1 MW 11:00-12:00
 SECT 1:JUNE 15-JULY 10
 4862010 2 TR 1:20-2:20
 SECT 2:JUNE 15-JULY 10

LINGUISTICS

BASIC SIGN LANGUAGE LING 286 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 8597005 A MTWRF 11:00-1:00
 SECT A:JUNE 15-JULY 10

INTR SPANSH PHONOLG LING 352 3 CR.
 PREREQ: SPAN 301, 303, OR 304
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3492800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE
 MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER
 2009

IND STU LINGUI,SMAN LING 490B VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO
 THE TOPIC, 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

INTR LINGUIST ANALY LING 511 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 8616005 A MW 8:40-12:10
 SECT A:JUNE 29-AUG 7

SOCIOLINGUISTICS LING 514 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LING
 8619005 A TR 1:20-4:50
 SECT A:JUNE 29-AUG 7

PRA TCH ENG 2ND LNG LING 588 3 CR.
 PREREQ: 15 CREDITS TOWARD THE TESL/APPLIED
 LINGUISTICS MASTER'S DEGREE
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$61.50
 6550005 A ARRANGED
 SECT A:MAY 18-AUG 7

SPL TOP TESL/LINGUI LING 590B VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

LINGUISTICS

PRACTCM TEC &LINGUI LING 688 3 CR.
 PREREQ: ENGL 510, 626, OR EQUIVALENT; SECOND-YEAR
 PH.D. STUDENT
 6574005 A ARRANGED
 SECT A:MAY 18-AUG 7

LOGISTICS & SUPPLY CHAIN MGMT

BUSINESS LOGISTICS LSCM 360 3 CR.
 PREREQ: ECON 101
 COURSE NOT OPEN TO P BUS MAJORS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6788005 A1 MTWRF 9:50-11:50
 SECT A1:MAY 18-JUNE 12
 SECTION A1 RESTRICTED TO ACCT, BUS S,
 BUS U,
 BUSEC, FIN, LSCM, MGMT, MIS, MKT,
 OSCM MAJORS ONLY.
 CONCURRENT ENROLLMENT OR PRIOR
 CREDIT IN MGMT 370
 & MKT 340 IS RECOMMENDED FOR THIS
 ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK
 INCLUDES FIN 301 AND
 OSCM 320.
 6788010 A2 MTWRF 9:50-11:50
 SECT A2:MAY 18-JUNE 12
 SECTION A2 FOR COLLEGES OTHER THAN
 BUSINESS

INDEPENDENT STUDY LSCM 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

MANAGEMENT

ENTREPRENRSHP&INNOV MGMT 310 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5318800 SP ARRANGED SMITH R
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE
 MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER
 2009

MANAGMT ORGANIZATNS MGMT 370 3 CR.
 PREREQ: ECON 101 OR 102 OR EQUIVALENT
 COURSE NOT OPEN TO P BUS MAJORS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5282005 A1 MTWRF 7:30-9:30
 SECT A1:MAY 18-JUNE 12
 SECTION A1 RESTRICTED TO ACCT, BUS S,
 BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS
 ONLY. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 340
 AND LSCM 360 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND
 OSCM 320.
 5282010 A2 MTWRF 7:30-9:30
 SECT A2:MAY 18-JUNE 12
 SECTION A2 FOR COLLEGES OTHER THAN
 BUSINESS

MANAGEMENT

STRATEGIC MANAGEMNT MGMT 478 3 CR.
 PREREQ: 370, OSCM 320, FIN 301, MKT 340,
 LSCM 360, ACCT 285, GRADUATING SENIOR
 COURSE RESTRICTED TO SENIORS GRADUATING SUMMER
 2009 IN THE COLLEGE OF BUSINESS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5294005 A MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12
 5294010 B MTWRF 7:30-9:30
 SECT B:JULY 13-AUG 7

INDEPENDENT STUDY MGMT 490 1- 3 CR.
 PREREQ: 370, SENIOR CLASSIFICATION, PERMISSION OF
 INSTRUCTOR
 COURSE NOT OPEN TO GRADUATE STUDENTS
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CORP GOVERN&LEADRSH MGMT 582 3 CR.
 PREREQ: 502 OR PERMISSION
 8410600 XA MW 5:45-9:15PM SHRADER B
 SECT XA:JUNE 29-AUG 5
 CONTACT DEBBIE JOHNSON FOR PERMISSION
 TO REGISTER AT 515-294-
 8118/DLJOHNS@IASTATE.EDU.
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

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
 COURSE NOT OPEN TO GRADUATE STUDENTS OR P BUS
 MAJORS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 4394005 A MTWRF 12:10-2:10
 SECT A:MAY 18-JUNE 12
 SEC A RESTRICTED TO BUSINESS COLLEGE
 UNDERGRADS
 4394010 B MTWRF 12:10-2:10
 SECT B:MAY 18-JUNE 12
 SECTION B RESTRICTED TO COLLEGES
 OTHER THAN BUSINESS

ELECTRONIC COMMERCE MIS 434 3 CR.
 PREREQ: 330, MKT 340, LSCM 360
 COURSE RESTRICTED TO ACCT, BUS U, FIN, LSCM,
 MGMT, MIS, MKT, OSCM MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 7405005 A1 MTWRF 9:50-11:50
 SECT A1:JUNE 15-JULY 10
 SECTION A1 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM, MGMT, MKT, OSCM MAJORS
 7405010 A2 MTWRF 9:50-11:50
 SECT A2:JUNE 15-JULY 10
 SECTION A2 RESTRICTED TO MIS MAJORS
 ONLY

MANAGEMENT INFORMATION SYSTEMS

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

INFO RESOURCE MGMT MIS 537 3 CR.
 PREREQ: 503
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2187005 S S 8:30-4:30
 SECT S:JUNE 27-AUG 8

TOPICS MGT INFO SYS MIS 539 3 CR.
 PREREQ: 503
 7953600 XA MW 5:45-9:15PM NILAKANTA S
 SECT XA:MAY 11-JUNE 17
 CONTACT DEBBIE JOHNSON FOR PERMISSION
 TO REGISTER AT 515-294-8118 OR
 DLJOHNS@IASTATE.EDU.
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

SPECIAL TOPICS MIS 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

PRIN OF MARKETING MKT 340 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN ECON 101
 COURSE NOT OPEN TO P BUS MAJORS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5352005 A1 MTWRF 7:30-9:30
 SECT A1:JUNE 15-JULY 10
 SECTION A1 RESTRICTED TO ACCT, BUS S,
 BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS
 ONLY.
 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370
 & LSCM 360 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND
 OSCM 320.
 5352010 A2 MTWRF 7:30-9:30
 SECT A2:JUNE 15-JULY 10
 SECTION A2 FOR COLLEGES OTHER THAN
 BUSINESS

STRATEGC MRKTNG MGT MKT 443 3 CR.
 PREREQ: 444, 447
 COURSE RESTRICTED TO MKT SENIORS GRADUATING
 SUMMER 2009
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5358005 A MTWRF 9:50-11:50
 SECT A:JUNE 15-JULY 10

MARKETING

FUND MARKTG RESEARCH 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 MTWRF 7:30-9:30
 SECT A:MAY 18-JUNE 12

INDEPENDENT STUDY MKT 490 1- 3 CR.
 PREREQ: 340, SR CLASSIFICATN; INSTRUCTOR PERMISSN
 COURSE NOT OPEN TO GRADUATE STUDENTS
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

MATERIALS ENGINEERING

PRIN MATRLS SCI&ENG MAT E 272 2 CR.
 PREREQ: CHEM 167 OR 177, SOPHOMORE CLASSIFICATION
 CREDIT FOR ONLY ONE OF MAT E 211, OR MAT E 272,
 OR THE COMBINATION OF MAT E 272 AND 394, OR THE
 COMBINATION OF MAT E 392 AND 394 MAY BE APPLIED
 TOWARD GRADUATION
 6394005 MTWRF 8:40-9:40
 MAY 18-JUNE 23

COOPERATIVE EDUC MAT E 298 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

APP MTHDS SUSTNBL E MAT E 389X 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6472005 ARRANGED
 MAY 18-JUNE 26
 6472800 ML ARRANGED BRYDEN K
 SECT ML:MAY 10-30
 SEC ML TAUGHT IN NANA KENEIBA, MALI-
 WEST AFRICA
 'APPLIED METHODS IN SUSTAINABLE
 ENGINEERING AND INTERNATIONAL DEVELOPMENT' SPRING
 2009.

PRIN MATRLS SCI&ENG MAT E 392 3 CR.
 SATISFACTORY-FAIL ONLY.
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: MAT E 211,
 MAT E 273X, MAT E 392. CREDIT FOR ONLY ONE OF
 MAT E 211, OR MAT E 272, OR THE COMBINATION OF
 MAT E 272 AND 394, OR THE COMBINATION OF MAT E
 392
 AND 394 MAY BE APPLIED TOWARD GRADUATION.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8485800 UK ARRANGED CHUMBLEY S
 SECT UK:JUNE 3-JULY 18
 SEC UK TAUGHT AT THE BRUNEL
 UNIVERSITY,
 UXBRIDGE, UNITED KINGDOM SUMMER
 2009 STUDY ABROAD.

MATERIALS ENGINEERING

SUMMER INTERNSHIP MAT E 396 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 6687005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC MAT E 398 R CR.
 PREREQ: 298, PERMISSN OF DEPRTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROELEC FABRICATN MAT E 432 4 CR.
 PREREQ: PHYS 222, MATH 267. EE 332 OR MAT E 331
 RECOMMENDED.
 MATERIALS FEE \$250.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6677005 1 ARRANGED
 SECT 1:JUNE 15-AUG 7

INDEPENDENT STUDY MAT E 490 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 498 R CR.
 PREREQ: 398, PERMISSN OF DEPRTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SCIENCE & ENGINEERING

TECHNLGY FOR TEACHR M S E 570 2 CR.
 PREREQ: C I 201, NON-ENGINEERING MAJOR
 8315005 MTWRF 8:30-11:30
 MTWRF 12:30-3:30
 JUNE 8-12

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, MAY 18-AUG 7

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 FEES INFO AT

HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/FEEINFO.SHTML
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5115005 A1 MTWRF 8:15-9:45
 SECT A1:JUNE 15-AUG 7

MATHEMATICS

MATHEMATICS

COLLEGE ALGEBRA MATH 140 3 CR.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 CREDITS EARNED IN MATH 140 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY
 MATH 140 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.
 5132005 A MTWRF 9:50-11:10
 SECT A:JUNE 15-AUG 7
 5132015 W ARRANGED
 SECT W:JUNE 15-AUG 7
 DELIVERY IS WWW

TRIGONOMETRY MATH 141 2 CR.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLED IN 140
 CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 CREDITS EARNED IN MATH 141 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS COLLEGE MAY NOT COUNT MATH 141 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.
 5133005 A MTWRF 8:40-9:40
 SECT A:MAY 18-JUNE 26
 5133015 B MTWRF 8:40-9:40
 SECT B:JUNE 15-JULY 24
 5133020 C MTWRF 2:30-4:40
 SECT C:JULY 6-24
 5133025 D F 2:30-5:10
 S 10:00-12:40
 SECT D:JUNE 12-JULY 18
 5133030 W ARRANGED
 SECT W:JUNE 29-AUG 7
 DELIVERY IS WWW

TRIG&ANALY GEOMETRY MATH 142 3 CR.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT IN 140
 CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 CREDITS EARNED IN MATH 142 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS COLLEGE MAY NOT COUNT MATH 142 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.
 5134005 A MTWRF 8:40-9:40
 SECT A:MAY 18-JULY 10
 5134015 B MTWRF 8:40-9:40
 SECT B:JUNE 15-AUG 7
 5134020 C MTWRF 2:30-4:40
 SECT C:JULY 6-31
 5134025 D F 2:30-5:10
 S 10:00-12:40
 SECT D:JUNE 12-AUG 1
 5134030 W ARRANGED
 SECT W:JUNE 15-AUG 7
 DELIVERY IS WWW

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 A MTWRF 9:50-10:50
 SECT A:MAY 18-JULY 10
 5135010 B MTWRF 11:00-12:00
 SECT B:MAY 18-JULY 10
 5135015 C MTWRF 9:50-10:50
 SECT C:JUNE 15-AUG 7

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 APPLIED TOWARD GRADUATION: MATH 151,
 160,165-166,181-182. 6 CR OF MATH 151,181,165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN. CREDITS EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5136005 A MTWRF 9:50-10:50
 SECT A:MAY 18-JULY 10
 5136010 B MTWRF 11:00-12:00
 SECT B:MAY 18-JULY 10
 5136015 C MTWRF 9:50-10:50
 SECT C:JUNE 15-AUG 7

CALCULUS I MATH 165 4 CR.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YRS OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
 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, 181-182. 6 CREDITS OF MATH 151, 181, 165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.
 5138005 A MTWRF 8:40-10:00
 SECT A:MAY 18-JULY 10
 5138010 B MTWRF 8:40-10:00
 SECT B:JUNE 15-AUG 7

CALCULUS II MATH 166 4 CR.
 PREREQ: GRADE OF C- OR BETTER IN 165, 165H, OR HIGH MATH PLACEMENT SCORES
 ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. 6 CREDITS OF MATH 151,
 181,
 165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.
 5139005 A MTWRF 11:00-12:20
 SECT A:MAY 18-JULY 10
 5139015 B MTWRF 11:00-12:20
 SECT B:JUNE 15-AUG 7

CALCULUS III MATH 265 4 CR.
 PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
 5151005 A MTWRF 9:50-11:10
 SECT A:MAY 18-JULY 10
 5151015 B MTWRF 9:50-11:10
 SECT B:JUNE 15-AUG 7

MATHEMATICS

ELEM DIFF EQUATNS MATH 266 3 CR.
 PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
 CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED
 TOWARD
 GRADUATION
 5152005 A MTWRF 11:00-12:00
 SECT A:MAY 18-JULY 10

DIFF EQ & TRANSFMS MATH 267 4 CR.
 PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
 CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED
 TOWARD
 GRADUATION
 5153005 A MTWRF 12:10-1:30
 SECT A:MAY 18-JULY 10
 5153010 B MTWRF 12:10-1:30
 SECT B:JUNE 15-AUG 7

INDEPENDENT STUDY MATH 290 1- 3 CR.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5156005 ARRANGED, MAY 18-AUG 7

INDEP STUDY 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, MAY 18-AUG 7

MATRCES&LINEAR ALGB 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 A MTWRF 9:50-10:50
 SECT A:MAY 18-JULY 10

COOPERATIVE EDUC MATH 398 R CR.
 PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4551005 EJ ARRANGED
 SECT EJ:MAY 18-AUG 7

ANALYSIS I MATH 414 3 CR.
 PREREQ: 201, 265; AND 307 OR 317
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5171005 MTWRF 2:30-3:30
 MAY 18-JULY 10

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 APPLIED
 TOWARD GRADUATION
 5182005 ARRANGED, MAY 18-AUG 7
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

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, MAY 18-AUG 7

MATHEMATICS

INTRO REAL ANALYSIS MATH 501 3 CR.
 PREREQ: 265 AND 307 OR 317
 7394005 MTWRF 9:50-10:50
 MAY 18-JULY 10

ED SMNR GEOM&DISCRT MATH 540B 1 CR.
 6499005 W 11:00-1:20
 JUNE 15-JULY 31

DISCRETE MATH & APP MATH 547 4 CR.
 PREREQ: ENROLLMNT IN MASTER OF SCHOOL MATH PROGRAM
 7642005 MTWRF 7:30-9:20
 JUNE 15-JULY 31

INTERMED GEOMETRY MATH 549 3 CR.
 PREREQ: 435 OR EQUIVALENT AND ENROLLMENT IN THE
 MASTER OF SCHOOL MATH PROGRAM
 9600005 MTWRF 9:40-11:00
 JUNE 15-JULY 31

CREATIVE COMPONENT MATH 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MATH 610 VAR. CR.
 5231005 ARRANGED, MAY 18-AUG 7

RESEARCH MATH 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

ENGR THERMODYNAMICS I M E 231 3 CR.
 PREREQ: MATH 265, CHEM 167, PHYS 222
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT
 BOTH, MAY APPLY TOWARD GRADUATION
 4877005 A MTWRF 9:50-11:10
 SECT A:MAY 18-JUNE 26
 SECTN A RESTRICTED TO ENGINEERING
 COLLEGE MAJORS

COOPERATIVE EDUCATION M E 298 R CR.
 PREREQ: PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 4 CR.
 PREREQ: 270, MATH E 272, M E 324
 COURSE RESTRICTED TO M E, A E MAJORS ONLY
 MATERIALS FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6277005 A MTWRF 7:30-8:50
 TR 1:20-3:45
 SECT A:JUNE 29-AUG 7
 6277010 B MTWRF 7:30-8:50
 TR 9:50-12:15
 SECT B:JUNE 29-AUG 7

MACHINE DESIGN M E 325 3 CR.
 PREREQ: ENGR 170, M E 324, STAT 305
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6287005 A MTWRF 7:30-8:50
 SECT A:MAY 18-JUNE 26
 SECTION A RESTRICTED TO A E, M E
 MAJORS ONLY

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 1 MTWRF 12:10-1:30
SECT 1:JUNE 29-AUG 7

FLUID FLOW M E 335 4 CR.

PREREQ: E M 345, MATH 266 OR 267, CREDIT OR
ENROLLMENT IN M E 332 AND 370
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5703005 1 MTWRF 11:00-12:20
TR 2:30-4:55
SECT 1:MAY 18-JUNE 26

MEASURMTS&INSTRUMTN M E 370 3 CR.

PREREQ: E E 442, STAT 305
COURSE RESTRICTED TO M E MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4881005 1 MTWRF 1:20-2:15
WF 7:30-10:30
SECT 1:MAY 18-JUNE 26
4881010 2 MTWRF 1:20-2:15
WF 2:30-5:30
SECT 2:MAY 18-JUNE 26

APP MTHDS SUSTNBL E M E 389X 3 CR.

MEETS INTERNATIONAL PERSPECTIVES REQMT.
6471005 ARRANGED
MAY 18-JUNE 26
6471800 ML ARRANGED BRYDEN K
SECT ML:MAY 10-30
SEC ML TAUGHT IN NANA KENEIBA, MALI-
WEST AFRICA
'APPLIED METHODS IN SUSTAINABLE
ENGINEERING AND
INTERNATIONAL DEVELOPMENT' SUMMER
2009.

SUMMER INTERNSHIP M E 396 R CR.

PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
7254005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC M E 398 R CR.

PREREQ: 298, PERMISSN OF DEPTMNT AND ENGINEERING
CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

MECH SYST & CONTROL M E 421 4 CR.

PREREQ: E M 345, MATH 267, E E 442, 448
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6310005 1 MTWRF 12:10-1:30
MW 2:30-4:55
SECT 1:MAY 18-JUNE 26
6310010 2 MTWRF 12:10-1:30
TR 2:30-4:55
SECT 2:MAY 18-JUNE 26

HEAT TRANSFER M E 436 4 CR.

PREREQ: 335
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5711005 1 MTWRF 9:50-11:10
MW 2:30-4:55
SECT 1:JUNE 29-AUG 7
5711010 2 MTWRF 9:50-11:10
TR 1:20-3:45
SECT 2:JUNE 29-AUG 7

MECHANICAL ENGINEERING

IND STU MEAS&INSTRM M E 490C 1- 6 CR.

PREREQ: SENIOR CLASSIFICATION
***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HEAT TRANSF M E 490D 1- 6 CR.

PREREQ: SENIOR CLASSIFICATION
***** SEE DEPT FOR REFERENCE NUMBERS

IND STU 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 STU 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
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CR.

PREREQ: SENIOR CLASSIFICATION
***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID MECH M E 490K 1- 6 CR.

PREREQ: SENIOR CLASSIFICATION
***** SEE DEPT FOR REFERENCE NUMBERS

IND STU TURBOMACHIN M E 490L 1- 6 CR.

PREREQ: SENIOR CLASSIFICATION
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU 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, PERMISSN OF DEPTMNT AND ENGINEERING
CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

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 MTHD 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

ADV TOP EXP GAS DYN M E 690A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

MECHANICAL ENGINEERING

ADV TP ADV MACH DSN 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 MTHD 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

ENGINEERG INTERNSHP M E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, GRAD CLASSIFICATION
 8151005 ARRANGED, MAY 18-AUG 7

RESEARCH M E 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

COOPERATIVE EDUCATN MTEOR 298 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 ARRANGED, MAY 18-AUG 7

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, MAY 18-AUG 7

COOPERATIVE EDUCATN MTEOR 398 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 ARRANGED, MAY 18-AUG 7

OCEANOGRPHY STUDIES MTEOR 480 1- 8 CR.
 4851005 ARRANGED

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, MAY 18-AUG 7

METEOROLOGY

INDEP 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, MAY 18-AUG 7

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, MAY 18-AUG 7

IND STU 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, MAY 18-AUG 7

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8668005 ARRANGED, MAY 18-AUG 7

IND STU CLIMATE/WTR MTEOR 490F 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 3583005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUCATN MTEOR 498 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 ARRANGED, MAY 18-AUG 7

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED, MAY 18-AUG 7

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED, MAY 18-AUG 7

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED, MAY 18-AUG 7

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8431005 ARRANGED, MAY 18-AUG 7

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 8432005 ARRANGED, MAY 18-AUG 7

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED, MAY 18-AUG 7

METEOROLOGY

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED, MAY 18-AUG 7

SPL TOP STAT METHDS MTEOR 590H 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED, MAY 18-AUG 7

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED, MAY 18-AUG 7

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED, MAY 18-AUG 7

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED, MAY 18-AUG 7

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED, MAY 18-AUG 7

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8669005 ARRANGED, MAY 18-AUG 7

RESEARCH MTEOR 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROBIOLOGY

BIOL MICROORGANISMS MICRO 302 3 CR.
 PREREQ: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;
 ONE SEMESTER OF CHEMISTRY
 1426005 MTWRF 9:50-10:50
 MAY 18-JULY 10

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
 NO MORE THAN 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
 NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS
 ONLY.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROBIOLOGY

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, MAY 18-AUG 7

SPECIAL TOPICS MICRO 590 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT MICRO 697 VAR. CR.
 7161005 ARRANGED, MAY 18-AUG 7

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

IND STDY: BASIC MILI M S 290 1- 3 CR.
 PREREQ: PERMISSION OF THE M S DEPT CHAIR
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 8153005 ARRANGED, MAY 18-AUG 7 STEPHENSON M

IND STDY: ADV MIL ST M S 490 1 CR.
 PREREQ: M S 301, 302, 401, 402, PERMISSION
 OF THE MILITARY SCIENCE DEPARTMENT CHAIR
 9598005 ARRANGED, MAY 18-AUG 7 STEPHENSON M

MOLECULAR CELLULAR DEV BIOLOGY

GRAD RESRCH ROTATN MCDB 697 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 7278005 ARRANGED
 MAY 18-JULY 10

RESEARCH MCDB 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

INTRO MUSIC LISTENI MUSIC 102 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5406005 A MTWRF 9:50-11:50
 SECT A: JUNE 15-JULY 10
 5406010 B ARRANGED
 SECT B: MAY 18-AUG 7
 DELIVERY IS WWW

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL PROB EDUCATION MUSIC 290A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 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: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 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: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 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: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 PROFESSIONAL SUPPORT FEE \$250.00-\$550.00
 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: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP
 IN
 UNIVERSITY HONORS PROGRAM
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT&PEDAG JAZZ PERF MUSIC 415J 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
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
 APPLIED MUSIC FEE \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLORENCE - HUMANISM MUSIC 471 3 CR.
 PREREQ: APPLICATN THRU THE STUDY ABROAD PROGRAM;
 INTERVIEW WITH INSTRUCTOR; SOPHOMORE
 CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8024800 IT ARRANGED BLEYLE C
 SECT IT:MAY 11-25
 SEC IT TAUGHT FLORENCE, ITALY. 'TONES
 OF
 FLORENCE' STUDY ABROAD SUMMER 2009

INDEP STUDY EDUCATN MUSIC 490A VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 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
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

INDEP STUDY HISTORY MUSIC 490D VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 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
 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
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP
 IN
 UNIVERSITY HONORS PROGRAM
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EDUC MUSIC 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 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: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 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: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

SPL TOPC APPL MUSIC MUSIC 590F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

INTERNSHIP NREM 303 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
 NO MORE THAN 6 CREDITS OF NREM 303 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD INTERNSHP NREM 303I 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND SOPHOMORE STANDING
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB4355005 ARRANGED

IND STDY ANIMAL ECO NREM 490A 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL NREM 490I 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF THE INSTRUCTOR
 NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB4016005 ARRANGED

INTERNATIONL TRAVEL NREM 496A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2596800 CN ARRANGED SCHULTZ R
 SECT CN:MAY 12-JUNE 6
 SEC CN TAUGHT IN CHINA. CHINA

AMAZING; FROM THE THREE GORGES DAM TO THE INVESTMENT CENTERS OF ASIA.
 OFFERED FOR 3 CREDITS SUMMER 2009.

AQUATIC ECOLOGY NREM 508I 4 CR.
 PREREQ: COURSES IN ECOLOGY, CHEMISTRY, & PHYSICS
 PERMISSION REQUIRED - USE FORM AT
 HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB3861005 MTWRF 8:00-5:00
 JUNE 15-JULY 10

NATURAL RESOURCE ECOLOGY AND MGMT

INTRO DNA TECHNIQS NREM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3744005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

INTR PROTEIN TECHNQ NREM 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3806005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

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

INTERNATIONL TRAVEL NREM 596A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2605800 CN ARRANGED SCHULTZ R
 SECT CN:MAY 12-JUNE 6
 SEC CN TAUGHT IN CHINA. CHINA

AMAZING; FROM THE THREE GORGES DAM TO THE INVESTMENT CENTERS OF ASIA.
 OFFERED FOR 3 CREDITS SUMMER 2009.

CREATIVE COMPONENT NREM 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CR.
 COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2009
 ***** SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

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

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

NUTRITIONAL SCIENCES

INTRO DNA TECHNIQS NUTRS 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 8628005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

NUTRITIONAL SCIENCES

INTR PROTEIN TECHNQ NUTRS 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 8644005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

RESRCH NUTRITNL SCI NUTRS 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS AND SUPPLY CHAIN

MGMT

PROD/OPERATIONS MGT OSCM 320 3 CR.
 PREREQ: STAT 226
 COURSE NOT OPEN TO P BUS MAJORS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5279005 A1 MTWRF 9:50-11:50
 SECTION A1:JUNE 15-JULY 10
 SECTION A1 RESTRICTED TO ACCT, BUS S,
 BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS
 ONLY. CURRENT ENROLLMENT OR PRIOR CREDIT IN FIN 301 IS
 RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEMESTER
 ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340 AND LSCM
 360.
 5279010 A2 MTWRF 9:50-11:50
 SECTION A2:JUNE 15-JULY 10
 SECTION A2 FOR COLLEGES OTHER THAN

BUSINESS

INDEPENDENT STUDY OSCM 490 1- 3 CR.
 PREREQ: OSCM 320, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR DEPARTMENT PERMISSION
 REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY OTS 510 8 CR.
 7535005 ARRANGED

TOPICS TROPICL BIOL OTS 515 1- 8 CR.
 7544005 ARRANGED

PERFORMING ARTS

PERFORM ARTS INTERN PERF 310 R CR.
 SATISFACTORY-FAIL ONLY.
 3677005 ARRANGED, MAY 18-AUG 7

PERFRM ARTS SEMINAR PERF 401 2 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3706005 ARRANGED
 MAY 18-JULY 10

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CR.
 5824005 A MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12
 5824010 B MTWRF 12:10-2:10
 SECT B:MAY 18-JUNE 12

PHILOSOPHY

MORAL THEOR&PRCTICE PHIL 230 3 CR.
 5827005 A MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12
 5827010 B MTWRF 12:10-2:10
 SECT B:MAY 18-JUNE 12

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 MTWRF 9:50-11:10
 MAY 18-JUNE 26

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 MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12

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. COURSE RESTRICTED TO
 HONORS PROGRAM STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATNG SR SURVEY PHIL 492 R CR.
 SATISFACTORY-FAIL ONLY.
 3891005 ARRANGED, MAY 18-AUG 7

SPCL TOPC HISTORY P PHIL 590A 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5850005 ARRANGED, MAY 18-AUG 7

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 ARRANGED, MAY 18-AUG 7

SPL TOP VALUE THRY PHIL 590C 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5852005 ARRANGED, MAY 18-AUG 7

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 ARRANGED, MAY 18-AUG 7

PHYSICS

GENERAL PHYSICS PHYS 111 4 CR.
 PREREQ: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
 IF A STUDENT ENROLLED IN 111 FOR SPRING 2009
 2009 REGISTERS FOR 111 FOR SUMMER 2009 BEFORE SPRING
 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED
 FROM THE STUDENT'S SCHEDULE.

PHYSICS

5857005 1 MTWR 12:10-1:10
 TWRF 9:50-10:50
 MW 7:30-9:40
 SECT 1:JUNE 15-AUG 7

5857010 2 MTWR 12:10-1:10
 TWRF 11:00-12:00
 MW 1:20-3:30
 SECT 2:JUNE 15-AUG 7

5857015 3 MTWR 12:10-1:10
 TWRF 11:00-12:00
 MW 3:40-5:50
 SECT 3:JUNE 15-AUG 7

GENERAL PHYSICS PHYS 112 4 CR.

PREREQ: 111
 IF A STUDENT ENROLLED IN 112 FOR SPRING 2009
 REGISTERS FOR 112 FOR SUMMER 2009 BEFORE SPRING
 2009 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED
 FROM

THE STUDENT'S SCHEDULE.

5858005 1 MTWRF 1:20-2:20
 TR 9:50-10:50
 MW 9:50-12:00
 SECT 1:JUNE 15-AUG 7

5858010 2 MTWRF 1:20-2:20
 TR 9:50-10:50
 MW 2:30-4:40
 SECT 2:JUNE 15-AUG 7

INTR CLASSCL PHYS I PHYS 221 5 CR.

PREREQ: CREDIT OR ENROLLMENT IN MATH 166
 IF A STUDENT ENROLLED IN 221 FOR SPRING 2009
 REGISTERS FOR 221 FOR SUMMER 2009 BEFORE SPRING
 2009 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED
 FROM

THE STUDENT'S SCHEDULE.

5861005 1 MTWRF 9:50-10:50
 MWF 8:40-9:40
 R 7:30-9:40
 SECT 1:JUNE 15-AUG 7

5861010 2 MTWRF 9:50-10:50
 MWF 8:40-9:40
 R 2:30-4:40
 SECT 2:JUNE 15-AUG 7

5861015 3 MTWRF 9:50-10:50
 MWF 7:30-8:30
 R 12:10-2:20
 SECT 3:JUNE 15-AUG 7

INTR CLASSC PHYS II PHYS 222 5 CR.

PREREQ: 221, MATH 166
 IF A STUDENT ENROLLED IN 222 FOR SPRING 2009
 REGISTERS FOR 222 FOR SUMMER 2009 BEFORE SPRING
 2009 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED
 FROM THE STUDENT'S SCHEDULE

5863005 1 MTWRF 11:00-12:00
 WF 8:40-9:40
 TR 12:10-2:20
 SECT 1:JUNE 15-AUG 7

5863010 2 MTWRF 11:00-12:00
 WF 9:50-10:50
 TR 8:40-10:50
 SECT 2:JUNE 15-AUG 7

PHYSICS

INDEPENDENT STUDY PHYS 290 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5886005 1 ARRANGED
 SECT 1:JUNE 15-AUG 7

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

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

CREATIVE COMPONENT PHYS 599 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYS 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 3152005 ARRANGED, MAY 18-AUG 7

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
 NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION. COURSE RESTRICTED TO HONORS
 PROGRAM
 STUDENTS ONLY.
 3155005 ARRANGED, MAY 18-AUG 7

PLANT NEMATOTOLOGY PL P 574 3 CR.
 PREREQ: 408 OR 416
 5951005 ARRANGED, MAY 18-AUG 7

SPECIAL TOPICS PL P 590 1- 3 CR.
 PREREQ: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
 5953005 ARRANGED, MAY 18-AUG 7

FIELD PLANT PATHOL PL P 691 2 CR.
 PREREQ: 408 OR 416
 5956005 ARRANGED, MAY 18-AUG 7

PLANT PATHOLOGY

THESIS&DIS RESEARCH PL P 699 VAR. CR.
5960005 ARRANGED, MAY 18-AUG 7

PLANT PHYSIOLOGY

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

POLITICAL SCIENCE

INTR AMERIC GOVERNMENT POL S 215 3 CR.
5961005 A MTWRF 8:40-10:00
SECT A:MAY 18-JUNE 26

INTRO ETHICS&POLITICS POL S 235 3 CR.
PREREQ: SOPHOMORE STANDING
5715005 A MTWRF 11:00-12:20
SECT A:MAY 18-JUNE 26

INTERNATL RELATIONS POL S 315 2 CR.
PREREQ: SOPHOMORE CLASSIFICATION
USE OF POL S 312,313,314,315 IN POL S MAJOR
AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
8813005 A MTWRF 9:50-11:50
SECT A:MAY 18-JUNE 1
SECTION A TOPIC: WORLD WAR I
8813010 B MTWRF 9:50-11:50
SECT B:JUNE 2-15
SECTION B TOPIC: WORLD WAR II

ADV WRITING POL SCI POL S 395 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MAJOR IN POLITICAL SCIENCE
***** SEE DEPT FOR REFERENCE NUMBERS

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. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY THRY&METHD 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. USE OF POL S 490 IN
POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 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. USE OF POL S 490 IN
POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

IND STUDY 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. USE OF POL S 490 IN
POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 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. USE OF POL S 490 IN
POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR
DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

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. USE OF POL S 490 IN
POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR
DETAILS.
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. USE OF POL S 490 IN
POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR
DETAILS.
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS
ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 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

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
USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE
REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY
SECTION OF CATALOG FOR DETAILS.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP US P 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

POLITICAL SCIENCE

SPL TOPC 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
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST
 WEEK - PROCESS APPROVED ADD SLIP IN 10 ALUMNI
 HALL
 ***** 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

PUBLIC ADMIN INTERN POL S 598 3- 6 CR.
 PREREQ: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
 4540005 ARRANGED, MAY 18-AUG 7

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 PUB ADMIN&POLCY POL S 610G 3 CR.
 PREREQ: 15 CREDITS IN POLITICAL SCIENCE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6059005 1 MW 6:00-9:00PM
 SECT 1:MAY 18-JUNE 29

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

PORTUGUESE

INDEPENDENT STUDY PORT 490 1- 6 CR.
 PREREQ: 6 CR IN PORT; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS IN PORT 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CR.
 6069005 A MTWRF 11:00-12:00
 SECT A:MAY 18-JULY 10
 6069010 B MTWRF 8:40-9:40
 SECT B:JUNE 15-AUG 7

ACAD LEARNG SKILLS PSYCH 131 1 CR.
 SATISFACTORY-FAIL ONLY.
 6071005 A TR 3:00-4:00
 SECT A:JUNE 15-AUG 7
 SECTION A FOR APEX PROGRAM STUDENTS

ONLY
 6071010 B TR 3:00-4:00
 SECT B:JUNE 15-AUG 7
 SECTION B FOR APEX PROGRAM STUDENTS

DEVELOPMENTAL PSYCH PSYCH 230 3 CR.
 6072005 A MTWRF 8:40-9:40
 SECT A:MAY 18-JULY 10

SOCIAL PSYCHOLOGY PSYCH 280 3 CR.
 6075005 MTWRF 9:50-10:50
 MAY 18-JULY 10

RES DSGN & METHODOL PSYCH 301 3 CR.
 PREREQ: STAT 101; 1 COURSE IN PSYCHOLOGY
 COURSE RESTRICTED TO PSYCH MAJORS. MINORS ARE
 ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD
 SLIP SIGNED IN W022 LAGOMARCINO HALL.
 6076005 A MTWRF 11:00-12:00
 SECT A:MAY 18-JULY 10

RESRCH METHODS PSYC PSYCH 302 3 CR.
 PREREQ: 301
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 1173005 A MTWRF 1:20-2:30
 SECT A:MAY 18-JULY 10

BRAIN & BEHAVIOR PSYCH 310 3 CR.
 PREREQ: 101; BIOL 101, 155, OR 211
 1515005 MTWRF 9:50-10:50
 MAY 18-JULY 10

SENSATION &PERCEPTN PSYCH 312 3 CR.
 PREREQ: 101
 6079005 MTWRF 1:20-3:20
 MAY 18-JUNE 12

LEARNING & MEMORY PSYCH 313 3 CR.
 PREREQ: 101
 6080005 MTWRF 8:40-9:40
 MAY 18-JULY 10

PSYCHOLOGY

DRUGS & BEHAVIOR PSYCH 315 3 CR.
 PREREQ: 101; BIOL 155 OR 211
 6082005 MTWRF 12:10-1:10
 MAY 18-JULY 10

PSYCHOLOGY OF WOMEN PSYCH 346 3 CR.
 PREREQ: TWO COURSES IN PSYCH INCLUDING 101
 MEETS U.S. DIVERSITY REQMT.
 6085005 MTWRF 12:10-1:10
 MAY 18-JULY 10

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 A MTWRF 9:50-10:50
 SECT A:MAY 18-JULY 10

ABNORMAL PSYCHOLOGY PSYCH 460 3 CR.
 PREREQ: 3 COURSES IN PSYCH INCLUDING 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6102005 MTWRF 11:00-1:00
 MAY 18-JUNE 12

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. COURSE
 RESTRICTED TO JUNIORS AND SENIORS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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. COURSE
 RESTRICTED TO HONORS PROGRAM JUNIORS AND SENIORS
 ONLY
 ***** 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. RESTRICTED
 TO JUNIORS AND SENIORS ONLY.
 ***** 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. RESTRICTED
 TO JUNIORS AND SENIORS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP COUNSELING PSYCH 590A VAR. CR.
 PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

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

INTERNSHIP IN PSYCH PSYCH 597 R CR.
 PREREQ: M.S. DEGREE CANDIDACY; PERMISSION OF
 INSTRUCTOR
 7659005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT PSYCH 599 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

INTERN COUNSELING PSYCH 697 R CR.
 PREREQ: PH.D. CANDIDACY IN THE COUNSELING PSYCH
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR
 PERMISSN
 6182005 ARRANGED, MAY 18-AUG 7

RESEARCH PSYCH 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 205 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6109005 A MTWRF 12:10-2:10
 SECT A:MAY 18-JUNE 12

RELIGION IN AMERICA RELIG 210 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 6188005 A MTWRF 11:00-1:00
 SECT A:MAY 18-JUNE 12
 6188010 B MTWRF 8:40-10:40
 SECT B:MAY 18-JUNE 12

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

RELIGIOUS STUDIES

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. RESTRICTED TO HONORS
 PROGRAM STUDENTS ONLY.
 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, MAY 18-AUG 7
 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 1 ARRANGED
 SECT 1:MAY 18-AUG 7

RESEARCH & EVALUATION

SURVEY ED RESEARCH RESEV 570 3 CR.
 PREREQ: 552 OR EQUIVALENT
 8408005 MWF 8:00-12:30
 MAY 11-JUNE 1

QUALITVE RSRCH MTHD RESEV 580 3 CR.
 PREREQ: 550
 4059005 1 M 4:00-8:00PM
 ARRANGED
 SECT 1:JUN 1,15,29&JUL 13
 THE ARRANGED TIME REPRESENTS WORK IN
 WEBCT

SPECIAL TOPICS RESEV 590 1- 3 CR.
 PREREQ: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CR.
 PREREQ: 550
 COURSE RESTRICTED TO GRADUATE STUDENTS IN THE
 HUMAN SCIENCES COLLEGE. OTHER STUDENTS MUST
 CONTACT
 THE DEPARTMENT AT 294-1241.
 6218005 MTWR 7:30-12:30
 JULY 6-9,20-23

CURRENT TOPICS RESEV 615 1- 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 6221005 1 MTWRF 8:00-1:00
 ARRANGED
 SECT 1:MAY 18-29
 SEC 1 TOPIC: ARTS-BASED RESEARCH

METHODS
 6221010 2 M 8:00-12:00, ARRANGED
 SECT 2:JUNE 1 & ARRANGED
 ADDITIONAL MEETING DATES FOR SECTION
 2 WILL BE DETERMINED AT THE JUNE 1 MEETING.
 TOPIC: WRITING
 QUALITATIVE INQUIRY.

RESEARCH & EVALUATION

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

INDEPENDENT STUDY RUS 490 1- 6 CR.
 PREREQ: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009.
 NO MORE THAN 9 CREDITS IN RUS 490 MAY BE APPLIED
 TOWARD GRADUATION.
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN INTERNSHIP RUS 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 NO MORE THAN 3 CREDITS IN RUS 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY

INTRO TO SOCIOLOGY SOC 134 3 CR.
 CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6346005 A MTWRF 8:40-9:40
 SECT A:JUNE 15-AUG 7
 6346010 B MTWRF 9:50-11:50
 SECT B:JULY 13-AUG 7
 6346015 C MTWRF 9:50-11:50
 SECT C:JUNE 15-JULY 10
 6346020 D MTWRF 9:50-11:50
 SECT D:MAY 18-JUNE 12

INTIMATE RELATNSHIP SOC 219 3 CR.
 PREREQ: 130 OR 134
 6349005 A MTWRF 12:10-2:10
 SECT A:JULY 13-AUG 7

SOC PSYCH:SOC PERSP SOC 305 3 CR.
 PREREQ: 130 OR 134
 6355005 A MTWRF 8:40-10:40
 SECT A:MAY 18-JUNE 12

COMMUNITY SOC 310 3 CR.
 PREREQ: 130 OR 134
 6321005 A MTWRF 9:50-11:50
 SECT A:JUNE 15-JULY 10

SEX&GENDER IN SOCIE SOC 327 3 CR.
 PREREQ: 130 OR 134
 MEETS U.S. DIVERSITY REQMT.
 6356005 A MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12
 6356010 B MTWRF 12:10-2:10
 SECT B:JUNE 15-JULY 10

SOCIOLOGY

ETHNIC&RACE RELATNS SOC 330 3 CR.
 PREREQ: 130 OR 134
 MEETS U.S. DIVERSITY REQMT.
 6352005 A MTWRF 8:40-10:40
 SECT A:JUNE 15-JULY 10

SOC CLASS & INEQUAL SOC 331 3 CR.
 PREREQ: 130 OR 134
 MEETS U.S. DIVERSITY REQMT.
 6357005 A MTWRF 12:10-2:10
 SECT A:MAY 18-JUNE 12

CONTEM SOC THEORIES SOC 401 3 CR.
 PREREQ: 9 CREDITS IN SOC
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6365005 A MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12

COMPLEX ORGANIZATNS SOC 420 3 CR.
 PREREQ: 130 OR 134 OR 135 PLUS 3 CR IN SOC SCIENC
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6325005 A MTWRF 9:50-11:50
 SECT A:MAY 18-JUNE 12

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
 NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE
 (SOC 454 & 460) MAY BE APPLIED TOWARD GRADUATION.
 NO CREDITS IN SOC 460 MAY BE USED TO SATISFY
 MINIMUM
 SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 6370005 A ARRANGED
 SECT A:MAY 18-AUG 7

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.
 RESTRICTED TO UNIV HONORS PROGRAM STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY

SPCL TOPICS GEN SOC SOC 590A 1- 3 CR.
 PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS 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 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GENERL SOC SOC 699A 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

SUMMER INTERNSHIP S E 396 R CR.
 PREREQ: PERMISSION OF DEPT AND CAREER SERVICES
 7315005 ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY S E 490 VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN SOFTWARE ENGR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ELEMENTARY SPANISH I SPAN 101 4 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6473005 1 MTWRF 8:40-11:40
 SECT 1:MAY 18-JUNE 12
 6473010 2 MTWRF 12:10-3:10
 SECT 2:MAY 18-JUNE 12

ELEM SPANISH II SPAN 102 4 CR.
 PREREQ: 101, 97 OR PLACEMENT BY DEPARTMENTAL EXAM
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6474005 1 MTWRF 8:40-11:40
 SECT 1:JUNE 15-JULY 10
 6474010 2 MTWRF 12:10-3:10
 SECT 2:JUNE 15-JULY 10

STUDY ABROAD SPAN 195X 1-10 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8954800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE
 MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER
 2009

STUDY ABROAD SPAN 295X 1-10 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8957800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE
 MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER
 2009

SPANISH

GRAMMAR & COMPOSITN SPAN 301 3 CR.
 PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6479800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

CONVERS THRU CULTUR SPAN 303A 3 CR.
 PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6142800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

SPAN FOR BUSINS&PRO SPAN 304 3 CR.
 PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM;
 301 RECOMMENDED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6482800 SP ARRANGED L'HOTE L

SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

INTRO READ HISPANIC SPAN 314 3 CR.
 PREREQ: 301
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8894800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

SPANISH CIVILIZATN SPAN 321 3 CR.
 PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6483800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

SPAIN TODAY SPAN 323 3 CR.
 PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 4047800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

LATIN AMERICA TODAY SPAN 324 3 CR.
 PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4100800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

SPANISH

INTR SPANSH PHONOLG SPAN 352 3 CR.
 PREREQ: 301, 303 OR 304
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3382800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

HISPN TOPCS IN ENGL SPAN 370 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7948800 MX ARRANGED RIZO E
 SECT MX:MAY 26-JULY 8
 SEC MX TAUGHT IN MEXICO. 'CULTURE &

AGRICULTURE'

SUMMER 2009 STUDY ABROAD

EXPERIENCE.

7948805 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

STUDY ABROAD SPAN 395 1-10 CR.
 PREREQ: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6489025 RG ARRANGED

SECT RG:MAY 25-JULY 9

SECTION RG IS REGENTS STUDY ABROAD IN

PERU.

OFFERED FOR 6 CREDITS.

6489800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

ADV COMPOSI&GRAMMAR SPAN 401 3 CR.
 PREREQ: 314 AND ONE COURSE AT THE 320-LEVEL OR
 ABOVE MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

6490800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE

MEDITERRANEAN

SUMMER IN VALENCIA, SPAIN' SUMMER

2009

INDEPENDENT STUDY SPAN 490 1- 6 CR.
 PREREQ: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
 NO MORE THAN 6 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

SPANISH INTERNSHIP SPAN 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.

PREREQ: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN
 OF ADVISER AND WORLD LANGUAGES AND CULTURES
 INTERNSHIP COORDINATOR

COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009.

NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED
 TOWARD GRADUATION IN THE MAJOR.

DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ADV COMPOSI&GRAMMAR SPAN 501X 3 CR.
 PREREQ: 314 AND ONE COURSE AT THE 320-LEVEL OR ABOVE, OR PERMISSION OF INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 7481800 SP ARRANGED L'HOTE L
 SECT SP:MAY 28-JULY 12
 SEC SP TAUGHT IN SPAIN.'ISU ON THE MEDITERRANEAN
 SUMMER IN VALENCIA, SPAIN' SUMMER 2009

SPL TOP LANG PEDAGY SPAN 590C 1- 4 CR.
 PREREQ: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN 3905800 SP ARRANGED WILHELM J
 SECT SP:JUNE 12-26
 SEC SP TAUGHT IN CACERES, SPAIN.

'SUMMER SIMINAR IN SAPIN FOR SPANISH TEACHERS'
 OFFERED FOR 3 CREDITS
 SUMMER 2009

SPECIAL EDUCATION

INDEPENDENT STUDY SP ED 490 1- 5 CR.
 PREREQ: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TCH EXCPTNLT GEN ED SP ED 501 3 CR.
 PREREQ: BACCALAUREATE DEGREE
 2607005 1 F 6:00-9:00PM
 S 8:00-4:00
 SECT 1:MAY 29-JUNE 20

RESEARCH REVIEW SP ED 517 2 CR.
 PREREQ: 510, 515
 3169005 1 MTWR 11:00-12:40
 SECT 1:JULY 13-AUG 7

INSTR MTHD MILD/MOD SP ED 520 3 CR.
 2619005 MTWRF 8:40-10:40
 S 9:00-3:00
 JUNE 15-JULY 11
 JULY 11 IS THE ONLY SATURDAY MEETING

RDNG MILD/MO DISABL SP ED 553 3 CR.
 PREREQ: TEACHING LICENSE
 7663005 1 MTW 1:00-3:40
 SECT 1:JUN 1-17,29-JUL 8

CAREER ED DISAB YTH SP ED 555 2 CR.
 PREREQ: 510 OR 511
 4418005 MTWR 5:00-6:40PM
 JUNE 15-JULY 10

SYS-LEVL SRVC DISAB SP ED 570 3 CR.
 PREREQ: 511
 5068005 MTWRF 1:30-3:30
 ARRANGED
 JUNE 15-JULY 10

SPECIAL TOPICS SP ED 590 1- 5 CR.
 PREREQ: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL EDUCATION

FLD EXP BHV/DIS,K12 SP ED 591K 1- 6 CR.
 PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION COURSE RESTRICTED TO C I MAJORS ONLY
 PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$33.00
 ***** 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

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
 8643010 1 MTWRF 7:30-9:40
 MTWRF 9:50-12:00
 SECT 1:MAY 18-JUNE 12
 ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE.
 LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY.
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643015 2 MTWRF 9:50-12:00
 MTWRF 9:50-12:00
 SECT 2:MAY 18-JUNE 12
 ON MAY 18 ATTEND ONLY THE LECTURE.
 LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. IGNORE TIME CONFLICT.
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643020 3 MTWRF 9:50-12:00
 MTWRF 9:50-12:00
 SECT 3:MAY 18-JUNE 12
 ON MAY 18 ATTEND ONLY THE LECTURE.
 LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. IGNORE TIME CONFLICT.
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643025 4 MTWRF 9:50-12:00
 MTWRF 9:50-12:00
 SECT 4:MAY 18-JUNE 12
 ON MAY 18 ATTEND ONLY THE LECTURE.
 LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. IGNORE TIME CONFLICT.
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643030 5 MTWRF 12:10-2:20
 MTWRF 9:50-12:00
 SECT 5:MAY 18-JUNE 12
 ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY.
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
 8643035 6 MTWRF 12:10-2:20
 MTWRF 9:50-12:00

SECT 6:MAY 18-JUNE 12
 ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY.

SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643040 7 MTWRF 9:50-12:00
 MTWRF 9:50-12:00
 SECT 7:MAY 18-JUNE 12

ON MAY 18 ATTEND ONLY THE LECTURE. LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. IGNORE TIME CONFLICT. SECTION 7 IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC 8.

SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643045 8 MTWRF 9:50-12:00
 MTWRF 9:50-12:00
 SECT 8:MAY 18-JUNE 12

ON MAY 18 ATTEND ONLY THE LECTURE. LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. IGNORE TIME CONFLICT. SECTION 8 IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS WITH SEC 7.

SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643065 9 MTWRF 7:30-9:40
 MTWRF 9:50-12:00
 SECT 9:MAY 18-JUNE 12

ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY. SECTION 9 IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC 10.

SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643070 10 MTWRF 7:30-9:40
 MTWRF 9:50-12:00
 SECT 10:MAY 18-JUNE 12

ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY. SECTION 10 IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS WITH SEC 9.

SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643075 11 MWF 7:30-9:10
 SECT 11:JUNE 15-AUG 7

SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643080 12 MWF 7:30-9:10
 SECT 12:JUNE 15-AUG 7

SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643085 13 MWF 9:50-11:30
 SECT 13:JUNE 15-AUG 7

SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
 8643090 14 MWF 9:50-11:30
 SECT 14:JUNE 15-AUG 7
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

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. NO CREDITS IN SP CM 290
 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.
 DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMM FOR CLSRM TCHR SP CM 313 3 CR.
 PREREQ: 212
 6430005 MTWRF 12:10-2:20
 JUNE 15-JULY 10

GENDER & COMMUNICTN SP CM 323 3 CR.
 PREREQ: 212
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2640005 MTWRF 12:10-2:20
 MAY 18-JUNE 12

PERSUASION SP CM 327 3 CR.
 PREREQ: 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6437005 MTWRF 9:50-12:00
 MAY 18-JUNE 12

INDEPENDENT STUDY SP CM 490 1- 3 CR.
 PREREQ: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN, PERMISSION OF DEPT. CHAIR
 PERMISSION OF AMY SLAGELL REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ENRL SC. NO MORE THAN 9 CREDITS OF SP CM 490 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR.
 DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 APPLIED TOWARD DEGREE REQUIREMENTS. NO CREDITS IN SP CM 499
 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS SP CM 590 1- 4 CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STATISTICS

PRIN OF STATISTICS STAT 101 4 CR.

PREREQ: 1 & 1/2 YRS OF H S ALGEBRA
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
 STAT 105, STAT 226.
 6502005 A MTWRF 8:40-9:40
 MR 9:50-11:50
 SECT A:MAY 18-JULY 10
 6502010 B MTWRF 8:40-9:40
 MR 12:10-2:10
 SECT B:MAY 18-JULY 10

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, STAT 104,
 STAT 105, STAT 226.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6503005 A MWF 8:40-9:40
 TF 1:20-3:20
 SECT A:JUNE 15-AUG 7

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, LSCM, MGMT, MIS, MKT, OSCM, P
 BUS,
 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 MTWRF 8:40-9:40
 SECT A:MAY 18-JULY 10
 3975010 B MTWRF 8:40-9:40
 SECT B:MAY 18-JULY 10

ENGINEERING STAT STAT 305 3 CR.

PREREQ: MATH 165 (OR 165H)
 CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6509005 A MTWRF 9:50-10:50
 SECT A:MAY 18-JULY 10
 INSTRUCTOR PERMISSION REQUIRED 1ST
 WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

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.
 6514005 A MTWRF 8:40-9:40
 MR 1:20-3:20
 SECT A:JUNE 15-AUG 7
 SECTION A FOR SOCIAL SCIENCES
 6514010 B MTWRF 8:40-9:40
 TF 12:10-2:10
 SECT B:MAY 18-JULY 10
 SEC B FOR BIOLOGICAL AND PHYSICAL
 SCIENCES

MTHDS FOR MATH TCHR STAT 410X 6 CR.

PREREQ: 341 OR EQUIV, ENROLLMENT IN MASTER OF
 SCHOOL MATH (MSM) PROGRAM OR INSTRUCTOR
 PERMISSION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8785005 A MTWRF 9:15-11:55
 SECT A:JUNE 15-JULY 31

STATISTICS

STAT THEORY FOR RES STAT 447 4 CR.

PREREQ: MATH 151 AND INST PERMISSION, OR MATH 265
 CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6523005 MTWRF 8:40-10:00
 MAY 18-JULY 10

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

APPL BUSINESS STAT STAT 528 3 CR.

PREREQ: 226, ENROLLMENT IN MBA PROGRAM, NOT
 FOR STAT MAJORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3978005 S S 8:30-12:00
 S 1:00-4:30
 SECT S:MAY 9-JUNE 20
 SECTION S RESTRICTED TO BUSAD

GRADUATE MAJORS

3978600 XA TR 5:45-9:15PM
 SECT XA:MAY 12-JUNE 18
 CONTACT DEBBIE JOHNSON FOR PERMISSION

TO REGISTER

AT 515-294-8118 OR

DLJOHNS@IASTATE.EDU.

DEPARTMENT PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

SPECL TOPICS THEORY STAT 590A VAR. CR.

6554005 ARRANGED, MAY 18-AUG 7

SPCL TOPICS METHODS STAT 590B VAR. CR.

6555005 ARRANGED, MAY 18-AUG 7

SPL TOP DESGN EXPER STAT 590C VAR. CR.

6556005 ARRANGED, MAY 18-AUG 7

SPL TOP SAMP SURVEY STAT 590D VAR. CR.

6557005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUCATN STAT 598 R CR.

PREREQ: PERMISSION OF THE DEPARTMENT CHAIR
 4153005 ARRANGED, MAY 18-AUG 7
 PERMISSION OF DEPARTMENT CHAIR

REQUIRED;

PROCESS APPROVED ADD SLIP IN 10

ALUMNI HALL

CREATIVE COMPONENT STAT 599 VAR. CR.

SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOPC THEORY STAT 690A VAR. CR.

PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2009
 6851005 TR 3:30-5:00
 JUNE 9-JULY 30

STATISTICS

RESEARCH STAT 699 VAR. CR.
***** SEE DEPT FOR REFERENCE NUMBERS

SUPPLY CHAIN MANAGEMENT

SPECIAL TOPICS SCM 590 1- 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
***** 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

RESEARCH SUSAG 699 VAR. CR.
***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY & SOCIAL CHANGE

WORLD FOOD ISSUES T SC 342 3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5256005 MTWRF 8:40-10:50
MAY 18-JUNE 12

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 MTWRF 9:50-11:50
SECT A:MAY 18-JUNE 12

INDEPENDENT STUDY T SC 490 VAR. CR.
PREREQ: 341, PERMISSION OF INSTRUCTR & T SC COORD
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

TECHNOLOGY SYSTEMS MANAGEMENT

TECHNOLGY INTERNSHP TSM 397 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: AT LEAST 45 CREDITS OF COURSEWORK, IN AST
OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

WORK EXPRNCE TCHNOL TSM 399 2 CR.
PREREQ: 397 AND APPROVAL OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

INTDISCP SYS EFFCTV TSM 409 3 CR.
PREREQ: JUNIOR OR SENIOR STANDING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5920005 A MTWRF 8:30-5:30
SECT A:MAY 11-22
MEETS 8:30-4:30 MAY 11-15; MEETS 1-
5:30 MAY 18-22

IND STDY GRAIN OPER TSM 490G 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS TSM 490H 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INDUS MFG TSM 490I 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOPROCESS TSM 490K 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LVSTK PROD TSM 490L 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN SYS TSM 490M 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

INDEP STUDY ENERGY TSM 490N 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY
 CONTRACT
 NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 490O 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY
 CONTRACT
 NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOIL&WATER TSM 490S 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY
 CONTRACT
 NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY STRUC/BLDG TSM 490T 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY
 CONTRACT
 NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY WASTE MGT TSM 490W 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY
 CONTRACT
 NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY TRAVEL TSM 496X 3- 6 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8986805 IN ARRANGED REDDY M
 SECT IN:MAY 15-JUNE 12
 SEC IN TAUGHT IN BANGALORE &
 KARNATAKA STATE, INDIA. INTEGRATED AGRICULTURE &
 FOOD SYSTEMS: IMPROVING RURAL LIVELIHOODS, INDIA

SAFTY&PBLC HLTH ISS TSM 575 2 CR.
 4695005 W 3:40-5:20
 MAY 18-AUG 7

SPL TP ANIM ENV/AIR TSM 590A 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

SPL TOP GRAIN OPERA TSM 590G 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IND MANUFAC TSM 590I 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOPROCESSI TSM 590K 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590M 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPC ENERGY TSM 590N 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCCUP SAFET TSM 590O 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOIL&WATER TSM 590S 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRUC/BLDGS TSM 590T 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC WASTE MGMT TSM 590W 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
 AGRICULTURAL TECHNOLOGY, PERMISSION OF
 INSTRUCTOR,
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH PAPER TSM 598 1 CR.
 SATISFACTORY-FAIL ONLY.
 1911005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT TSM 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

TECHNOLOGY INTERNSHP TSM 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 4646005 ARRANGED, MAY 18-AUG 7

DOCTORAL TECH PAPER TSM 698 1 CR.
 SATISFACTORY-FAIL ONLY.
 1926005 ARRANGED, MAY 18-AUG 7

RESEARCH TSM 699 VAR. CR.
 COURSE ONLY OFFERED FOR 1-6 CREDITS SUMMER 2009
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

TREND&CONSUMR ANALY T C 165 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 6603005 1 MTWRF 7:30-9:30
 SECT 1:JUNE 15-JULY 10

COMPUTR APP TEXTL&C T C 210 1 CR.
 PREREQ: 111, 131; 245 OR CONCURRENT ENROLLMENT
 COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS FEE \$35.00-\$65.00
 5087005 1 MTWR 9:50-11:30
 SECT 1:MAY 18-JUNE 12

PATTERNMAKING I T C 225 4 CR.
 PREREQ: 121, 131, 204, PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$50.00-\$200.00
 6607005 1 MTWRF 9:50-11:50
 ARRANGED
 SECT 1:MAY 18-JULY 10

AESTHETC&BRAND IMAG T C 245 3 CR.
 PREREQ: 165; 204 OR CONCURRENT ENROLLMENT
 6609005 1 MTWRF 7:30-9:30
 SECT 1:MAY 18-JUNE 12

MERCHANDISING T C 275 3 CR.
 PREREQ: 111, 131; OR HRI 101, 3 CREDITS IN MATH
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$20.00
 6624005 1 MTWRF 12:10-2:10
 SECT 1:JUNE 15-JULY 10

DESIGN SEMINAR T C 328X 1- 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 MATERIALS AND EQUIPMENT USE FEE \$10.00-\$200.00
 5692005 1 MTWRF 12:10-2:10
 ARRANGED
 SECT 1:MAY 18-JUNE 12

HIST 20TH C FASHION T C 356 3 CR.
 PREREQ: 3 CR HIST OR ART H; T C 204 RECOMMENDED
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 4473600 XW ARRANGED
 SECT XW:JULY 13-AUG 7
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

TEXTILES & CLOTHING

CULTUR PERSPC DRESS T C 362 3 CR.
 PREREQ: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
 MATERIALS FEE \$0.00-\$10.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6622005 MTWRF 9:40-11:40
 JULY 13-AUG 7

FIELD STUDY T C 380 2 CR.
 PREREQ: 9 CR IN T C, JR CLASSIF, MINIMUM 2.0 GPA,
 PERMISSION BY APPLICATION
 FIELD TRIPS & TRAVEL FEE \$100.00-\$3,000.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN T C 398 R CR.
 PREREQ: PERMISSION OF DEPT CHAIR; JR CLASSIFICATN
 1002005 ARRANGED, MAY 18-AUG 7

IND STU TXTL&AP DSN T C 490C VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU 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 STDY MERCHANDSG T C 490I VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTR ANALY T C 490K VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 ***** 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

IND STDY SMALL BUSI T C 490S VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 3430005 LN ARRANGED
 SECT LN:MAY 18-AUG 7
 3430050 SK ARRANGED KADOLPH S
 SECT SK:MAY 18-AUG 7

COOPERATIVE EDUCATN T C 498 R CR.
 PREREQ: PERMISSION OF DEPT CHAIR; SR CLASSIFICATN
 1003005 ARRANGED, MAY 18-AUG 7

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

TEXTILES & CLOTHING

DESIGN SEMINAR T C 528X 1- 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
 MATERIALS AND EQUIPMENT USE FEE \$10.00-\$200.00
 5768005 1 MTWRF 12:10-2:10
 ARRANGED
 SECT 1:MAY 18-JUNE 12

PRACTCM TXTL&CLOTHG T C 570 1- 3 CR.
 PREREQ: 510, 6 GRAD CREDITS IN T C. PERMISSION
 OF INSTRUCTOR
 6660005 ARRANGED, MAY 18-AUG 7

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
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN T C 590C VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 ***** 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
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CULTUR ANALY T C 590K VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS T C 590M VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$50.00
 ***** 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 SMALL BUSIN T C 590S VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

WRKSH INT'L RETAILG T C 593A 3 CR.
 MATERIALS FEE \$50.00-\$200.00
 8988005 MTWRF 8:00-12:00
 ARRANGED, MAY 11-22

TEXTILES & CLOTHING

ADVANCED TOPICS T C 690 VAR. CR.
 PREREQ: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN
 OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.
 ***** 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 MTWRF 8:40-9:40
 JUNE 15-AUG 7

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

ADV THTRE PRACTICUM THTRE 469 1- 3 CR.
 PREREQ: 9 CR IN THEATRE COURSES, JR CLASSIFICATN
 ***** 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
 ***** 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 1 T 4:10-5:00, ARRANGED
 SECT 1:MAY 18-AUG 7

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CR.
 PREREQ: DVM DEGREE OR 526
 1231005 ARRANGED, MAY 18-AUG 7

SPECIAL TOPICS TOX 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TOX 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TRANSPORTATION

RESEARCH TRANS 699 VAR. CR.
6787005 ARRANGED, MAY 18-AUG 7

UNIVERSITY STUDIES

INDEPENDENT STUDY U ST 490 VAR. CR.
PREREQ: PERMISSION OF THE ASSOCIATE PROVOST
PERMISSN OF ASSOC PROVOST FOR UNDERGRAD PROGRAMS
REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL
SC.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

**VET DIAGNOSTIC & PRODUCTION AN
MED**

PRECPTSP V MED PRA VDPAM 420 1- 6 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
9072005 ARRANGED

DAIRY HERD PROBL ID VDPAM 437 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
6425005 ARRANGED

MASTITIS PROB INVSTG VDPAM 438 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
6861005 ARRANGED

COW&CALF PROB:NUTRI VDPAM 439 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATON IN VET MED
6422005 ARRANGED

CLIN EMBRYO TRANSFR VDPAM 451 2 CR.
PREREQ: 4TH YR CLASSIFICATION IN V MED
4334005 ARRANGED

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 8:00-12:00
MTWRF 2:00-5:00

APPL SWINE PROD MED VDPAM 479 1- 6 CR.
PREREQ: 310
5454005 ARRANGED

PROCESS PERMISSION OF INSTRUCTOR REQUIRED;
APPROVED ADD SLIP IN 2270A VET MED

SWINE PRODUCTN MED VDPAM 480 2 CR.
PREREQ: 310
5572005 ARRANGED

APP BEEF MD WITH VT VDPAM 482A 1- 6 CR.
PREREQ: 310
6598005 ARRANGED

PROCESS PERMISSION OF INSTRUCTOR REQUIRED;
APPROVED ADD SLIP IN 2270A VET MED

APP MED BULL BREEDI VDPAM 482B 1- 6 CR.
PREREQ: 310
6610005 ARRANGED

PROCESS PERMISSION OF INSTRUCTOR REQUIRED;

VET DIAGNOSTIC & PRODUCTION AN MED

APPLIED MED CALVING VDPAM 482C 1- 6 CR.
PREREQ: 310
6621005 ARRANGED
PERMISSION OF INSTRUCTOR REQUIRED;

PROCESS APPROVED ADD SLIP IN 2270A VET MED

APP MD BF FEEDL MGT VDPAM 482D 1- 6 CR.
PREREQ: 310
6629005 ARRANGED
PERMISSION OF INSTRUCTOR REQUIRED;

PROCESS APPROVED ADD SLIP IN 2270A VET MED

APP BF MED WEAN MGT VDPAM 482E 1- 6 CR.
PREREQ: 310
6653005 ARRANGED
PERMISSION OF INSTRUCTOR REQUIRED;

PROCESS APPROVED ADD SLIP IN 2270A VET MED

APP BF MD PREG EXAM VDPAM 482F 1- 6 CR.
PREREQ: 310
6694005 ARRANGED
PERMISSION OF INSTRUCTOR REQUIRED;

PROCESS APPROVED ADD SLIP IN 2270A VET MED

APP MED BOVIN REPRO VDPAM 482G 1- 6 CR.
PREREQ: 310
6697005 ARRANGED
PERMISSION OF INSTRUCTOR REQUIRED;

PROCESS APPROVED ADD SLIP IN 2270A VET MED

APP MD BF FEEDL MGT VDPAM 482I 1- 6 CR.
PREREQ: 310
7185005 ARRANGED
PERMISSION OF INSTRUCTOR REQUIRED;

PROCESS APPROVED ADD SLIP IN 2270A VET MED

BEEF PRODUCTION MED VDPAM 483 2 CR.
PREREQ: 310
5562005 MTWRF 8:00-12:00
MTWRF 1:00-5:00

DAIRY PRODUCTN MED VDPAM 484 2 CR.
PREREQ: 310, 4TH-YEAR CLASSIFICATION IN VET MED
5609005 MTWRFS 8:00-12:00
MTWRF 2:00-5:00

APP DAIRY PRODU MED VDPAM 485 1- 6 CR.
PREREQ: 484
COURSE ONLY OFFERED FOR 2 CREDITS, HOWEVER
MULTIPLE ENROLLMENTS ARE ALLOWED
5431005 ARRANGED

PROCESS PERMISSION OF INSTRUCTOR REQUIRED;

APPROVED ADD SLIP IN 2270A VET MED

CLINIC MICROBIO LAB VDPAM 488 1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6950005 MTWRF 8:40-11:40

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

VET DIAGNOSTIC & PRODUCTION AN MED

RESEARCH VDPAM 699 VAR. CR.
***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES

INT'L PRECEPTORSHIP VDPAM 496 1-12 CR.
PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
7848005 ARRANGED
7848800 IN ARRANGED UHLENHOPP E
SECT IN: MAY 18-29
SEC IN TAUGHT IN INDIA/INDIAN

SM ANIMAL ONCOLOGY V C S 409X 2 CR.
7417005 MTWRF 8:00-5:00

VETERINARY RESEARCH INSTITUTE (DEEMED
UNIVERSITY), IZATNAGAR, INDIA. TITLE: VETERINARY
MEDICINE IN INDIA SUMMER 2009.

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED,
PERMISSION OF DEPARTMENT CHAIR
COURSE ONLY OFFERED FOR 2-6 CREDITS SUMMER 2009
1664005 1 ARRANGED
SECT 1: MAY 18-JULY 10

7848805 MX ARRANGED HANSEN D
SECT MX: MAY 18-29
SEC MX TAUGHT IN MEXICO/UNIVERSITY OF
GUADALAJARA-CUCBA. TOPIC ANIMAL

CANINE REHABILITATN V C S 441X VAR. CR.
PREREQ: ENROLLMENT IN VET PROFESSIONL CURRICULUM,
PROOF OF RABIES PROPHYLAXIS & PROTECTIVE TITER
8772005 MTWRFS 8:00-5:00

WELFARE IN MEXICO.
7848810 M1 ARRANGED UHLENHOPP E
SECT M1: MAY 18-29
SEC M1 TAUGHT IN MEXICO/UNIVERSITY OF
NUEVO LEON, MONTERREY. TOPIC: ANIMAL AND
PUBLIC HEALTH IN MEXICO.

CLINICAL NEUROLOGY V C S 446 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
5112005 MTWRF 8:00-5:00

INTRO DNA TECHNIQS VDPAM 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7389005 MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 15-30

CLINICL DERMATOLOGY V C S 452 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
SMALL ANIMAL OPTION
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
1931005 MTWRF 8:00-5:00

INTR PROTEIN TECHNQ VDPAM 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7391005 MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 6-21

SMALL ANIMAL MED I V C S 453 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6889005 MTWRFS 8:00-5:00

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CR.
PREREQ: DVM DEGREE OR 526
7676005 ARRANGED, MAY 18-AUG 7

SMALL ANIMAL MED II V C S 454 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6890005 MTWRFS 8:00-5:00

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CR.
PREREQ: 455
4233005 ARRANGED, MAY 18-AUG 7

SM AN SOFT TISS SUR V C S 455 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6891005 MTWRFS 8:00-5:00

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

SM AN ORTHOPED SURG V C S 456 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6892005 MTWRFS 8:00-5:00

INT'L PRECEPTORSHIP VDPAM 596 1-12 CR.
PREREQ: ADMISSION TO GRADUATE COLLEGE
7868005 ARRANGED, MAY 18-AUG 7

EQUINE MEDICINE V C S 457 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6893005 MTWRFS 8:00-5:00

CREATIVE COMPONENT VDPAM 599 VAR. CR.
PREREQ: ENROLLMENT IN NONTHESIS MASTER'S DEGREE
PROGRAM
***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE SURGERY V C S 458 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6894005 MTWRFS 8:00-5:00

SWINE DIAGNOSTC MED VDPAM 650 1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
6907005 ARRANGED, MAY 18-AUG 7

VETERINARY CLINICAL SCIENCES

SM AN OVERPOP OMAHA V C S 459A 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 4050005 MTWRF 8:00-5:00

SM AN OVERPOPU D.M. V C S 459B 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 4107010 MTWRF 8:00-5:00

SM AN OVERPOPU K.C. V C S 459C 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 4313015 ARRANGED

RADIOLOGY V C S 460 3 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 6896005 MTWRFS 8:00-5:00

COMMUNITY PRACTICE V C S 463 2 CR.
 PREREQ: FOURTH YEAR CLASSIFICATION IN VET MED
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 2322005 MTWRFS 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 4247005 MTWRF 8:00-5:00

FARRIER V C S 465 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED,
 457, 458
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 3 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 6898005 MTWRFS 8:00-5:00

INTENSIVE CARE V C S 468 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 6901005 MTWRFS 8:00-5:00

RADIOLOGY V C S 470 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED,
 460 RECOMMENDED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES

SML ANIM REPRODUCTN V C S 471S VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN VET 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

SML ANIM SURG ORTHO V C S 4730 1 CR.
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CR.
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE MEDICINE V C S 474M 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 SURGERY V C S 474S 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 1- 3 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

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

OPHTHALMOLOGY V C S 479 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED, VCS
 469
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SM AN ORTHO SUR V C S 4830 2 CR.
 PREREQ: VM4 CLASSIFICATION AND V C S 473
 2972005 ARRANGED

ADV SM AN SOFT SURG V C S 483S 2 CR.
 PREREQ: VM4 CLASSIFICATION AND V C S 473
 3076005 ARRANGED

VETERINARY CLINICAL SCIENCES

INDEPENDENT STUDY V C S 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP V C S 496 1-12 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
 6094800 FR ARRANGED SPONSORER B
 SECT FR:MAY 18-29
 SEC FR TAUGHT IN FRANCE/NATIONAL

VETERINARY SCHOOL OF NANTES. TITLE: AQUATIC,
 AVIAN AND COMPANION ANIMAL VETERINARY
 MEDICINE IN FRANCE.

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, MAY 18-AUG 7

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 MICROBIOLOGY & PREV MED

PUBLIC HEALTH LAB V MPM 486 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 MTWRF 8:00-12:00
 MTWRF 2:00-5:00

INDEPENDENT STUDY V MPM 490 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2009
 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

INT'L PRECEPTORSHIP V MPM 496 1-12 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
 4332600 ZA ARRANGED THOEN C
 SECT ZA:MAY 28-JUNE 12
 SECT ZA TAUGHT IN SOUTH

AFRICA/BROTHERS SAFARIS, PRETORIA. TITLE: WILDLIFE
 IMMOBILIZATION IN SOUTH AFRICA.
 4332605 ZB ARRANGED THOEN C
 SECT ZB:JUNE 18-JULY 3
 SECT ZA TAUGHT IN SOUTH

AFRICA/BROTHERS SAFARIS PRETORIA. TITLE: WILDLIFE
 IMMOBILIZATION IN SOUTH AFRICA.
 4332610 ZC ARRANGED THOEN C
 SECT ZC:JULY 7-24
 SECT ZA TAUGHT IN SOUTH

AFRICA/BROTHERS SAFARIS PRETORIA. TITLE: WILDLIFE
 IMMOBILIZATION IN SOUTH AFRICA.

INTRO DNA TECHNIQS V MPM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 4278005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 15-30

INTR PROTEIN TECHNQ V MPM 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 4372005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 6-21

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, MAY 18-AUG 7

RESEARCH V MPM 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

NECROPSY LAB PRACT V PTH 456 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 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
 COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 7008005 MTWRF 8:00-11:50 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

DIAGN PARASITOL LAB V PTH 548 1- 3 CR.
 PREREQ: 376 OR 576
 9668005 ARRANGED, MAY 18-AUG 7 JARVINEN J

CLIN PATHOLOGY LAB V PTH 549 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 457, PERMISSION OF INSTRUCTOR
 7037005 ARRANGED, MAY 18-AUG 7 ANDREASEN C
 INSTRUCTOR 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
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7479005 ARRANGED, MAY 18-AUG 7 HAYNES J

POSTMORT PATHOLLAB V PTH 551 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 542 OR 422
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7038005 MTWRF 1:10-5:00 FALES-WILLIAMS
 A S 10:00-11:50 FALES-WILLIAMS
 A MAY 18-AUG 7

SPL TOP VET PATHOL V PTH 590A 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 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

SPL TOP VET TOXICOL V PTH 590C 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

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 VET TOXICO V PTH 599C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOPICS SEMINAR V PTH 605 1 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7029005 ARRANGED, MAY 18-AUG 7 ACKERMANN M

DIAG INTERP V PARAS V PTH 606B R CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7030005 ARRANGED, MAY 18-AUG 7 JARVINEN J

DIAG INTERP VET TOX V PTH 606C R CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5787005 ARRANGED, MAY 18-AUG 7 OSWEILER G

DIAG INTERP CLINPTH V PTH 606D R CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9694005 ARRANGED, MAY 18-AUG 7 ANDREASEN 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 TOXICOLGY RSRCH V PTH 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 MTWRF 9:50-11:10
 SECT A:MAY 18-JUNE 26
 7058010 B MTWRF 9:50-11:10
 SECT B:JUNE 29-AUG 7
 7058015 C ARRANGED
 DELIVERY IS WWW

WOMEN'S STUDIES

GENDER & COMMUNICTN W S 323 3 CR.
PREREQ: SP CM 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3533005 MTWRF 12:10-2:20
MAY 18-JUNE 12

SEX&GENDER IN SOCIE W S 327 3 CR.
PREREQ: SOC 130 OR 134
MEETS U.S. DIVERSITY REQMT.
7061005 A MTWRF 9:50-11:50
SECT A:MAY 18-JUNE 12
7061010 B MTWRF 12:10-2:10
SECT B:JUNE 15-JULY 10

WOMEN'S LITERATURE W S 340 3 CR.
PREREQ: ENGL 250
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7062005 A MTWRF 11:00-12:00
SECT A:MAY 18-JULY 10

PSYCHOLOGY OF WOMEN W S 346 3 CR.
PREREQ: 2 COURSES IN PSYCH INCLUDING PSYCH 101
MEETS U.S. DIVERSITY REQMT.
7064005 MTWRF 12:10-1:10
MAY 18-JULY 10

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 REQUIREMENTS FOR THE W S MAJOR
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 491 3 CR.
PREREQ: SENIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF W S 491 MAY BE
APPLIED TOWARD GRADUATION
4097005 ARRANGED, MAY 18-AUG 7

SENIOR THESIS W S 499 3 CR.
PREREQ: SENIOR CLASSIFICATION
***** SEE DEPT FOR REFERENCE NUMBERS

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