

**ACCOUNTING**

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS  
Prereq: SOPH CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
5277005 A MTWRF 7:30-9:30 CURTIS L  
MEETS: MAY 16-JUNE 10

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS  
Prereq: SOPHOMORE STANDING OR PERMISSION OF ADVISER  
Note: COURSE RESTRICTED TO SOPHOMORE, JUNIOR, SENIOR AND SPECIAL CLASSIFICATIONS ONLY  
1110005 A MTWRF 9:50-11:50 WHITTLE D  
MEETS: MAY 16-JUNE 10

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS  
Prereq: 284  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
College permission required to add during 1st week. Go to 1200 Gerdin.  
1112005 A MTWRF 12:10-2:10 WHITTLE D  
MEETS: JUNE 13-JULY 8

THE ACCOUNTNG CYCLE ACCT 301X 1 CREDIT  
Prereq: 284  
Note: CONCURRENT ENROLLMENT IN ACCT 285 IS RECOMMENDED  
Available for nonmajor graduate credit  
9661005 W ARRANGED CHRISTENSEN K  
MEETS: JUNE 13-AUG 5

INTMD MANAGERL ACCT ACCT 383 3 CREDITS  
Prereq: 285 OR 508  
Note: COURSE RESTRICTED TO ACCT, AG B, BUS S, BUS U, FIN, LSCM, MGMT, MIS, MKT, OSCM, SCM UNDERGRAD MAJORS  
College permission required to add during 1st week. Go to 1200 Gerdin.  
1117005 A MTWRF 9:50-11:50 MURPHY J  
MEETS: MAY 16-JUNE 10

INTMED ACCOUNTING I ACCT 386 3 CREDITS  
Prereq: 285 OR 508  
Note: College permission required to add during 1st week. Go to 1200 Gerdin.  
1118005 A1 MTWRF 2:30-4:30 MURPHY J  
MEETS: JUNE 13-JULY 8  
Note: SECTION A1 RESTRICTED TO ACCT MAJORS ONLY  
1118010 A2 MTWRF 2:30-4:30 MURPHY J  
MEETS: JUNE 13-JULY 8  
Note: SEC A2 RESTRICTED TO BUS S, BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM, SCM UNDERGRAD MAJORS

INDEPENDENT STUDY ACCT 490 1- 3 CREDITS  
Prereq: 285, SR CLASSIFICATION, INSTR PERMISSN  
Note: COURSE RESTRICTED TO ACCT MAJORS ONLY  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRO TO AUDITING ACCT 497 3 CREDITS  
Prereq: 384, 387, STAT 326  
Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY  
Available for nonmajor graduate credit  
College permission required to add during 1st week. Go to 1200 Gerdin.  
1126005 A MTWRF 12:10-2:10 CHRISTENSEN K  
MEETS: JULY 11-AUG 5

SPECIAL TOPICS ACCT 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ACCT 599 2 CREDITS  
Prereq: ADMISSION TO THE MASTER OF ACCT PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ADVERTISING**

ADVERTISING PRINCIP ADVRT 230 3 CREDITS  
4667005 1 MTWRF 9:50-11:50  
MEETS: JUNE 13-JULY 8

**AEROSPACE ENGINEERING**

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL  
2651005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Department permission required.

COOPERATIVE EDUC AER E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**AEROSPACE ENGINEERING**

(CONTINUED)

SUMMER INTERNSHIP AER E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AER E 398 R CREDIT  
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

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

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

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

COOPERATIVE EDUC AER E 498 R CREDIT  
Prereq: 398, PERMSN OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SPL TOP FLIGHT DYNA AER E 590D 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

## AEROSPACE ENGINEERING (CONTINUED)

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

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

CREATIVE COMPONENT AER E 599 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP AER E 697 R CREDIT  
Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN  
Satisfactory-Fail Only.  
8131005 ARRANGED  
MEETS: MAY 16-AUG 5

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

**AFRICAN AND AFRICAN AMERICAN STUDIES**

INTRO AFRIC AMER ST AF AM 201 3 CREDITS  
Note: Meets U.S. diversity reqmt  
Instructor permission required 1st week.  
8310005 A MTWR 9:50-12:20  
MEETS: JULY 11-AUG 5

INDEPENDENT STUDY AF AM 490 1- 3 CREDITS  
Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR  
AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM  
Note: Instructor permission required.  
8357005 ARRANGED  
MEETS: MAY 16-AUG 5

**AGRICULTURAL EDUCATION & STUDIES**

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT  
Prereq: 110  
7586005 ARRANGED  
MEETS: MAY 16-AUG 5

FIELD EXP EXTENSION AGEDS 211B 1 CREDIT  
Prereq: 110  
7594005 ARRANGED  
MEETS: MAY 16-AUG 5

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT  
Prereq: 110  
7603005 ARRANGED  
MEETS: MAY 16-AUG 5

SPECIAL PROBLEMS AGEDS 290 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
1270005 ARRANGED  
MEETS: MAY 16-AUG 5

PRESENTN STRATEGIES AGEDS 311 3 CREDITS  
1272005 F 2:00-5:00, ARRANGED  
MEETS: JUNE 3-AUG 5  
Note: Materials and professional support fee \$15.00  
1272600 XH ARRANGED MARTIN R  
MEETS: JUNE 3-AUG 5  
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
AT 515-294-7656/LYOUNG@IASTATE.EDU.  
Instructor permission required 1st week.  
Section XH is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>  
1272605 XW ARRANGED MARTIN R  
MEETS: JUNE 3-AUG 5  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$156.00

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

PRESENTN STRATEGIES AGEDS 311 3 CREDITS  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS  
1273005 W 12:10-2:30, ARRANGED  
MEETS: JUNE 27-AUG 5  
Note: Materials and professional support fee \$10.00

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS  
Prereq: 211, JR CLASSIF IN AGEDS, INSTR PERMISSN  
Note: Available for nonmajor graduate credit  
Professional support fee \$65.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRV EXTENSXN EXPR AGEDS 418 2- 8 CREDITS  
Prereq: 211, JR CLASSIFICTN, INSTRUCTOR PERMISSN  
Note: Available for nonmajor graduate credit  
1282005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.  
Professional support fee \$65.00

FARM MGMT&OPERATION AGEDS 450 3 CREDITS  
Prereq: ECON 235, 330, JUNIOR CLASSIFICATION  
Note: Available for nonmajor graduate credit  
1386005 1 MWF 12:10-4:00  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$200.00

IND STU PHIL,CURRIC AGEDS 490A 1- 3 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: 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 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: 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 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: 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 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: 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 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: 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 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: 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 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION,  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: 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 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: 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 &amp; STUDIES (CONTINUED)

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, ADVISER, &  
DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
8361005 ARRANGED  
MEETS: MAY 16-AUG 5

SPCL TOP CURRICULUM AGEDS 590A 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
Note: Distance Ed Delivery Fee \$156.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS METHODS AGEDS 590B 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHILOSOPHY AGEDS 590C 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION AGEDS 590D 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ADMINIST AGEDS 590E 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP LEADERSHIP AGEDS 590F 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GUIDANCE AGEDS 590G 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INSTR TCHNL AGEDS 590I 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC EXTENSION AGEDS 590J 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTRNATL AG AGEDS 590K 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROGRAM PLAN AGEDS 590L 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP CURRICULUM AGEDS 593A 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1317005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Materials fee \$25.00  
Cmpt reqmt: <http://www.agde.iastate.edu/support/comp reqs.php>  
1317600 XA ARRANGED ANDERSON R  
MEETS: JUNE 27-JULY 18  
Note: THE CLASS WILL ONLY MEET ON CAMPUS MONDAY,  
JUNE 27. ALL OTHER COURSE WORK WILL BE DONE VIA  
DISTANCE EDUCATION.  
Section XA is off campus  
Course delivery is On-site instruction  
Secondary delivery is WWW

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1318600 XA ARRANGED ANDERSON R  
MEETS: JULY 1-22  
Note: THE CLASS WILL ONLY MEET ON CAMPUS FRIDAY, JULY 1  
ALL OTHER COURSE WORK WILL BE DONE VIA DISTANCE  
EDUCATION.  
Section XA is off campus  
Course delivery is On-site instruction  
Secondary delivery is WWW

ADMINISTRTN WORKSH P AGEDS 593D 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1320005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Materials fee \$25.00

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1321005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Materials fee \$25.00

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1322005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Materials fee \$25.00

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

WRKSH P PROGRAM PLAN AGEDS 593G 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1323600 XA ARRANGED ANDERSON R  
MEETS: JULY 11-15  
Note: Section XA is off campus  
Course delivery is On-site instruction

WKSH P BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
6536005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Materials fee  
6536600 XA ARRANGED MARTIN R  
MEETS: JUNE 13-16  
Note: CONTACT ROBERT MARTIN FOR PERMISSION TO REGISTER  
AT 515-294-0896/DRMARTIN@IASTATE.EDU.  
Instructor permission required.  
Section XA is off campus  
Course delivery is On-site instruction

6536605 XB ARRANGED MARTIN R  
MEETS: JUNE 27-30  
Note: CONTACT ROBERT MARTIN FOR PERMISSION TO REGISTER  
AT 515-294-0896/DRMARTIN@IASTATE.EDU.  
Instructor permission required.  
Section XB is off campus  
Course delivery is On-site instruction

CREATIVE COMPONENT AGEDS 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO INTERNSHP AG ED AGEDS 617 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH AGEDS 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### AGRICULTURAL ENGINEERING

COOPERATIVE EDUC A E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP A E 396 R CREDIT  
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC A E 398 R CREDIT  
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGR  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

IND STU ENVIR SYSTS A E 490E 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

INDEP STUDY HONORS A E 490H 1- 4 CREDITS  
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

IND STU ENVIR&N RES A E 490S 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

COOPERATIVE EDUCATN A E 498 R CREDIT  
Prereq: 398, PERMISSION OF THE DEPARTMENT AND  
ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

## AGRICULTURAL ENGINEERING (CONTINUED)

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

SP TOPCS POWER ENGR A E 590P 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

MASTER'S TECH COMM A E 598 1 CREDIT  
Satisfactory-Fail Only.  
8332005 ARRANGED  
MEETS: MAY 16-AUG 5

CREATIVE COMPONENT A E 599 VAR. CREDITS  
1044005 ARRANGED  
MEETS: MAY 16-AUG 5

ENGINEERG INTERNSHP A E 697 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF  
Satisfactory-Fail Only.  
1700005 ARRANGED  
MEETS: MAY 16-AUG 5

DOCTORAL TECH COMM A E 698 1 CREDIT  
Satisfactory-Fail Only.  
8333005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH BIOSYS ENG A E 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

RES PWR&MACHIN ENGR A E 699P VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

## AGRONOMY

FUND OF SOIL SCIENC AGRON 154 3 CREDITS  
Prereq: CHEM 163  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY  
BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155,  
OR AGRON 156  
1395600 XC ARRANGED HASSELMAN E  
MEETS: MAY 15-AUG 9  
Note: Section XC is off campus  
Course delivery is CD  
Delivery fee \$100.00  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

INTRO METEOROLOGY AGRON 206 3 CREDITS  
1397600 XW ARRANGED FLORY D  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

PROF DEVEL:WORK EXP AGRON 310 R CREDIT  
Satisfactory-Fail Only.  
1389005 ARRANGED HASSELMAN E  
MEETS: MAY 16-AUG 5

WORLD FOOD ISSUES AGRON 342 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
Available for nonmajor graduate credit  
1402600 XW ARRANGED FORD C  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

## AGRONOMY (CONTINUED)

COOPERATIVE EDUCATN AGRON 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION  
1411005 ARRANGED  
MEETS: MAY 16-AUG 5

WTRSHED HYDROL&SURF AGRON 402I 4 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
SCIENCES OR ENGINEERING  
Note: Available for nonmajor graduate credit  
Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
7299005 MTWRF 8:00-12:00  
MEETS: MAY 23-JULY 15  
Note: Tuition Category: Iowa Lakeside Lab

INDEPENDENT STUDY AGRON 490G 1- 5 CREDITS  
Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON  
INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN  
Note: NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE  
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGRON 490H 1- 5 CREDITS  
Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON  
INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN  
MEMBERSHIP IN THE HONORS PROGRAM  
Note: OFFERED FOR 1-3 CREDITS SUMMER 2011.  
RESTRICTED TO HONORS PROGRAM STUDENTS ONLY. NO MORE  
THAN 4 CREDITS OF AGRON 490 MAY BE APPLIED TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
9433800 GH ARRANGED MANU A  
MEETS: MAY 9-30  
Note: SEC GH TAUGHT IN GHANA: ACCRA, COPE COAST,  
KUMASI, TECHIMAN, MOLE. GHANA; ECOLOGICAL ZONES &  
NATURAL RESOURCE MANAGEMENT STUDY ABROAD SUMMER 2011  
Materials, field trips &/or travel fee  
\$700.00-\$4,500.00  
Study Abroad Administrative Fee Applies  
9433805 KP ARRANGED SCHULTZ T  
MEETS: MAY 9-22  
Note: SEC KP TAUGHT IN SOUTH KOREA. NATURAL  
RESOURCES, AGRICULTURE, CULTURE & DEVELOPMENT  
IN SOUTH KOREA. STUDY ABROAD EXPERIENCE OFFERED  
FOR 3 CREDITS SUMMER 2011  
Study Abroad Administrative Fee Applies

AGROECOLOGY FLD CRS AGRON 497 3 CREDITS  
Prereq: JR/SR CLASSIFICATN, 8 CREDITS IN AGRONOMY  
8311005 ARRANGED  
MEETS: MAY 16-AUG 5

COOPERATIVE EDUCATN AGRON 498 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
1416005 ARRANGED  
MEETS: MAY 16-AUG 5

INTEGRATED PEST MGT AGRON 514 3 CREDITS  
Prereq: 114, 501, MATH 140, CHEM 163, BIOL 101;  
RECOMMENDED: 502, 503  
6466600 XW ARRANGED CIHA A  
MEETS: MAY 2-AUG 5  
Note: CONTACT DAWN MILLER FOR PERMISSION TO REGISTER AT  
515-294-2999/MSAGRON@IASTATE.EDU.  
Department permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Syllabus: <http://www.masters.agron.iastate.edu/classes/514/intro/index.html>  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

FIELD MTHD PL BRDNG AGRON 522 1- 2 CREDITS  
Prereq: 521  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
1448005 T 8:00-12:00  
MEETS: MAY 16-AUG 5

APPLD AG METEOROLGY AGRON 541 2- 3 CREDITS  
Prereq: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE  
Note: CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
1454005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: SECTION OFFERED FOR 2 CREDITS ONLY SUMMER 2011  
1454600 XW ARRANGED TAYLOR S  
MEETS: MAY 16-AUG 5  
Note: Section XW is off campus  
Course delivery is WWW  
Secondary delivery is CD  
Delivery fee \$100.00  
Section info: <http://www.agron.iastate.edu/courses/agron541/classes/541/index.html>  
Syllabus: <http://www.agron.iastate.edu/courses/agron541/classes/541/intro/index>  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

## AGRONOMY

(CONTINUED)

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

WORKSHOP IN AGRON AGRON 594 1 CREDIT  
 9259600 XW ARRANGED  
 MEETS: JULY 18-22  
 Note: CONTACT DAWN MILLER FOR PERMISSION TO REGISTER AT  
 515-294-3917/MSAGRON@IASTATE.EDU.  
 Department permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is On-site instruction  
 Delivery fee \$50.00

CR COMP AG METEOROL AGRON 599A VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1472005 ARRANGED  
 MEETS: MAY 16-AUG 5

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1473005 ARRANGED FALES S  
 MEETS: MAY 16-AUG 5

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1474005 ARRANGED  
 MEETS: MAY 16-AUG 5

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1475005 ARRANGED  
 MEETS: MAY 16-AUG 5

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1476005 ARRANGED  
 MEETS: MAY 16-AUG 5

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1477005 ARRANGED  
 MEETS: MAY 16-AUG 5

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1478005 ARRANGED  
 MEETS: MAY 16-AUG 5

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1479005 ARRANGED  
 MEETS: MAY 16-AUG 5

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 1480005 ARRANGED  
 MEETS: MAY 16-AUG 5

CREATV COMPON AGRON AGRON 599M VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 Satisfactory-Fail Only.  
 6508600 XA ARRANGED  
 MEETS: MAY 16-AUG 5  
 Note: CONTACT DAWN MILLER FOR PERMISSION TO REGISTER AT  
 515-294-2999/MSAGRON@IASTATE.EDU.  
 Department permission required.  
 Section XA is off campus  
 Course delivery is independent study

AGRON TCHNG PRACTCM AGRON 698 1- 2 CREDITS  
 Prereq: GRADUATE CLASSIFICATION IN AGRON AND  
 PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

## AGRONOMY

(CONTINUED)

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

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

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

RES PLANT PHYSIOLGY AGRON 699J VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

**AMERICAN INDIAN STUDIES**

INTR AM INDIAN STDI AM IN 210 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 1506005 1 MTWRF 9:50-11:50  
 MEETS: JUNE 13-JULY 8

**ANIMAL ECOLOGY**

ECOLOGY A ECL 312 4 CREDITS  
 Prereq: BIOL 211L AND 212L  
 1061005 A MTWR 9:50-11:05  
 MW 1:20-4:20  
 MEETS: MAY 16-JULY 8  
 Note: Materials, field trips &/or travel fee \$62.00

1061010 B MTWR 9:50-11:05  
 TR 12:10-3:00  
 MEETS: MAY 16-JULY 8  
 Note: Materials, field trips &/or travel fee \$62.00

1061015 C MTWR 9:50-11:05  
 TR 3:10-6:00PM  
 MEETS: MAY 16-JULY 8  
 Note: Materials, field trips &/or travel fee \$62.00

ECOLOGY A ECL 312I 4 CREDITS  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 3713005 MTWRF 8:00-5:00  
 MEETS: MAY 23-JUNE 17  
 Note: Tuition Category: Iowa Lakeside Lab

ORNITHOLOGY A ECL 326I 4 CREDITS  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 3723005 MTWRF 8:00-5:00  
 MEETS: MAY 23-JUNE 17  
 Note: Tuition Category: Iowa Lakeside Lab

CONSERVATION BIOLGY A ECL 531I 4 CREDITS  
 Prereq: 312I  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 5653005 MTWRF 8:00-5:00  
 MEETS: JUNE 20-JULY 15  
 Note: Tuition Category: Iowa Lakeside Lab

GRAD IND STDY IA LL A ECL 590I 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR & GRAD CLASSIF  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 3979005 1 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

CREATIVE COMPONENT A ECL 599 VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM A ECL 698 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY  
 AND PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH - IA LL A ECL 699I 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 3966005 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

**ANIMAL SCIENCE**

FND HORSE HLTR TRNG AN S 317A 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 216  
9192005 1 MTWR 11:00-12:00  
MEETS: JUNE 13-JULY 8  
Note: Materials and equipment use fee \$0.00-\$100.00

FND EQUINE TRN YRLG AN S 317B 3 CREDITS  
Prereq: CR OR ENROLLMENT IN 216, INSTR PERMISSION  
9194005 1 MTWR 8:40-9:40  
MTWR 9:50-10:50  
MEETS: JUNE 13-AUG 5  
Note: Materials and equipment use fee \$0.00-\$100.00

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS  
Prereq: PERMISSION OF THE INSTRUCTOR  
1538005 ARRANGED  
MEETS: MAY 16-AUG 5

SUPERV'D INTERNSHIP AN S 399B R CREDIT  
Prereq: PERMISSION OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
2258005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STDY ANIMAL SCI AN S 490A 1- 3 CREDITS  
Prereq: PERMISSION OF THE INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE  
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR  
GRADUATION  
Materials, field trips &/or travel fee  
\$0.00-\$100.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY DAIRY SCI AN S 490B 1- 3 CREDITS  
Prereq: PERMISSION OF THE INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE  
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR  
GRADUATION  
Materials, field trips &/or travel fee  
\$0.00-\$100.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY MEAT SCI AN S 490C 1- 3 CREDITS  
Prereq: PERMISSION OF THE INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE  
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR  
GRADUATION  
Materials, field trips &/or travel fee  
\$0.00-\$100.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU POULTRY SCI AN S 490G 1- 3 CREDITS  
Prereq: PERMISSION OF THE INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE  
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR  
GRADUATION  
Materials, field trips &/or travel fee  
\$0.00-\$100.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AN S 490H 1- 3 CREDITS  
Prereq: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP  
IN THE HONORS PROGRAM  
Note: 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, field trips &/or travel fee  
\$0.00-\$100.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AG INT'L TRAVEL CRS AN S 496A VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 30 COLLEGE CREDITS  
Note: Meets international perspectives reqmt  
1876800 UA ARRANGED KENEALY M  
MEETS: MAY 8-27  
Note: SEC UA TAUGHT IN UKRAINE, BULGARIA.  
AGRICULTURAL PRODUCTION, PROCESSING 7 MARKETING IN  
UKRAINE & BULGARIA. STUDY ABROAD SUMMER 2011 OFFERED  
FOR 3 CREDITS  
Study Abroad Administrative Fee Applies

TEACHNG EXPRNC AN S AN S 497 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: 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 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ANIMAL SCIENCE**

(CONTINUED)

SPL TOP ANIMAL NUTR AN S 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEAT AN PRO AN S 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP DAIRY PROD AN S 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCI AN S 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYS REPROD AN S 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MUSCLE BIOL AN S 590G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POULTR NUTR AN S 590H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING AN S 590L 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ETHOLOGY AN S 590N 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP AN BREEDG AN S 599A 1- 8 CREDITS  
Prereq: NONTHESIS M.S. STATUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

CRTV CMP AN PHYSIOL AN S 599C 1- 8 CREDITS  
Prereq: NONTHESIS M.S. STATUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO ANIM SCI AN S 599D 1- 8 CREDITS  
Prereq: NONTHESIS M.S. STATUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

POULTRY NUTRI RSRCH AN S 699H VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ANTHROPOLOGY**

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS  
Note: Meets international perspectives reqmt  
1615005 1 MTWRF 9:50-11:50  
MEETS: MAY 16-JUNE 10

PRIMATE BEHAVIOR ANTHR 350 3 CREDITS  
Prereq: 202 AND/OR BASIC BIOLOGY COURSE  
RECOMMENDED  
3656600 XW ARRANGED PRUETZ J  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

## ANTHROPOLOGY

(CONTINUED)

INTERNSHIP ARCHAEOLOG ANTHR 434A 2- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR STANDING  
 Note: 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.  
 Satisfactory-Fail Only.  
 7718005 A ARRANGED  
 MEETS: MAY 16-AUG 5

INTERNSHIP CULTR A ANTHR 434B 2- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR STANDING  
 Note: 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.  
 Satisfactory-Fail Only.  
 1031005 ARRANGED  
 MEETS: MAY 16-AUG 5

INDEP STDY ARCHAEOLOG ANTHR 490A 1- 5 CREDITS  
 Prereq: 9 CREDITS IN ANTHROPOLOGY  
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTR ANTHR ANTHR 490B 1- 5 CREDITS  
 Prereq: 9 CREDITS IN ANTHROPOLOGY  
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL ANTHRO ANTHR 490C 1- 5 CREDITS  
 Prereq: 9 CREDITS IN ANTHROPOLOGY  
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR ANTHR 490D 1- 5 CREDITS  
 Prereq: 9 CREDITS IN ANTHROPOLOGY  
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ANTHR 490H 1- 5 CREDITS  
 Prereq: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN  
 THE HONORS PROGRAM  
 Note: 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.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL ANTHR 490I 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION AND  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 7822005 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

PRIMATE BEHAVIOR ANTHR 550 3 CREDITS  
 Prereq: 202 AND/OR BASIC BIOLOGY COURSE  
 RECOMMENDED  
 3694600 XW ARRANGED PRUETZ J  
 MEETS: MAY 16-JULY 8  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$225.00

GRAD INDEPNDNT STDY ANTHR 590 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

GRAD IND STDY IA LL ANTHR 590I 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 7823005 1 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

RESEARCH ANTHR 699 VAR. CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL ANTHR 699I 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 7824005 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

## APPAREL, ED STUDIES&amp;HOSPITALITY MGMT

P R & EVENT MANAGMT AESHM 271 1- 3 CREDITS  
 Prereq: APPLICATION AND INSTRUCTOR PERMISSION  
 REQUIRED FOR SPRING ENROLLMENT  
 Note: COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST  
 TIME, THEN MAY BE REPEATED FOR 1 CREDIT. ONLY  
 OFFERED FOR 3 CREDITS SUMMER 2011.  
 4556005 1 ARRANGED  
 MEETS: JUNE 13-AUG 5  
 Note: Course delivery is WWW  
 Materials and equipment use fee \$5.00-\$65.00

AESTHETC OF EVERYDY AESHM 342 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 4609005 1 ARRANGED  
 MEETS: MAY 16-JULY 8  
 Note: Course delivery is WWW  
 Materials, field trips &/or travel fee \$0.00-\$50.00

## ARABIC

STUDY ABROAD ARABC 195X VAR. CREDITS  
 9448005 RG ARRANGED  
 MEETS: MAY 20-JULY 11  
 Note: SECTION RG IS REGENTS STUDY ABROAD PROGRAM  
 Department permission required.  
 Tuition Category: Regents Summer Study Abroad

STUDY ABROAD ARABC 295X VAR. CREDITS  
 Prereq: 102 OR EQUIVALENT  
 9446005 RG ARRANGED  
 MEETS: MAY 20-JULY 11  
 Note: SECTION RG IS REGENTS STUDY ABROAD PROGRAM  
 Department permission required.  
 Tuition Category: Regents Summer Study Abroad

## ARCHITECTURE

PRACTICAL EXPERIENC ARCH 310 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 2544005 ARRANGED  
 MEETS: MAY 16-AUG 5

IND STDY DSN COMMUN ARCH 490A 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DESIGN ARCH 490B 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECHN SYST ARCH 490C 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ARCH HIST ARCH 490D 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY BEHAV STD ARCH 490E 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PRACTICE ARCH 490F 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARCH 490H 1- 9 CREDITS  
 Prereq: APPROVAL OF INSTR & DEPT CHAIR ON  
 REQUIRED FORM. MEMBERSHIP IN THE HONORS PROGRAM.  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
 Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ARC DSGN&MEDIA III ARCH 507 5 CREDITS  
 Prereq: 506,596,542, CONCURRENT ENROLLMENT IN 543  
 1300005 1 T 8:40-12:00  
 MWF 8:40-12:00  
 MEETS: MAY 16-JULY 8  
 Note: Materials, field trips &/or travel fee  
 \$75.00-\$125.00

STDY ABROAD OPTIONS ARCH 576 3 CREDITS  
 Note: Meets international perspectives reqmt  
 8672800 CN ARRANGED SHAO P  
 MEETS: MAY 9-23  
 Note: SEC CN TAUGHT IN CHINA. FIELD STUDIES IN  
 CHINESE ARCHITECTURE SUMMER 2011  
 Study Abroad Administrative Fee Applies  
 8672805 DE ARRANGED PASSE U  
 MEETS: MAY 27-JULY 2  
 Note: SEC DE TAUGHT IN BERLIN, GERMANY. SUMMER  
 ACADEMY BERLIN 2011. STUDY ABROAD SUMMER 2011  
 Study Abroad Administrative Fee Applies

## ARCHITECTURE (CONTINUED)

SERVICE LEARNING ARCH 581 5 CREDITS  
 Prereq: 506,596,542  
 1719005 1 MTW 1:40-4:00  
 R 1:40-5:00  
 MEETS: MAY 16-JULY 8

SPECIAL TOPICS ARCH 590 1- 5 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
 DEPARTMENT CHAIR ON APPROVED FORM  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIO OPTNS ARCH 602 6 CREDITS  
 Prereq: 601  
 1760005 1 TF 4:00-5:10  
 MWR 1:00-5:10  
 F 1:00-3:40  
 MEETS: MAY 16-JULY 8

INDEP DESIGN STUDY ARCH 690 6 CREDITS  
 Prereq: ADMISSION TO MSAS OR M ARCH 30 CR PROGRAM  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ARCH 699 3- 9 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ART &amp; DESIGN

ART HIST IN EUROPE ART 495N 3 CREDITS  
 Prereq: 494, PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 Instructor permission required 1st week.  
 7552800 IT ARRANGED FABER C  
 MEETS: JUNE 3-JULY 29  
 Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
 DESIGN SUMMER ROME PROGRAM. STUDY ABROAD  
 SUMMER 2011 OFFERED FOR 3 CREDITS  
 Materials fee  
 Study Abroad Administrative Fee Applies

STUDIO INTERNSHIP ART 497 1- 6 CREDITS  
 Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR,  
 WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRNSHP MUSEUM/GAL ART 498 1- 6 CREDITS  
 Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR,  
 WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED  
 FORM IN ADVANCE OF SEM OF ENROLLMENT  
 Satisfactory-Fail Only.  
 7821005 JC ARRANGED  
 MEETS: MAY 16-AUG 5

MUSEUM/GALLERY INTRN ART 598 1- 6 CREDITS  
 Prereq: GRAD CLASSIFICATION & INSTRUCTOR PERMISSN  
 WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT  
 Note: FOR GRADUATE ART MAJORS  
 Satisfactory-Fail Only.  
 9445010 BJ ARRANGED  
 MEETS: MAY 16-AUG 5  
 9445005 JC ARRANGED  
 MEETS: MAY 16-AUG 5  
 Note: Department permission required.

STUDIO INTERNSHIP ART 697 VAR. CREDITS  
 Prereq: GRAD CLASSIF & APPROVAL OF POS COMMITTEE  
 Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2011.  
 FOR GRADUATE ART MAJORS ONLY.  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH ART 699A VAR. CREDITS  
 1949005 ARRANGED  
 MEETS: MAY 16-AUG 5

THESIS RES--EXHIBIT ART 699B VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS  
 Note: Meets international perspectives reqmt  
 1791005 MWF 9:50-12:00 MORGAN E  
 MEETS: MAY 16-JULY 8  
 Note: Field trips & travel fee \$0.00-\$15.00

SEQUENTIAL ART ART H 489 3 CREDITS  
 Note: Available for nonmajor graduate credit  
 3875005 MTWRF 9:50-10:50  
 MEETS: MAY 16-JULY 8  
 Note: TOPIC: SEQUENTIAL ART

## ART HISTORY (CONTINUED)

INDEPENDENT STUDY ART H 490 1- 6 CREDITS  
 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 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT,  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEQUENTIAL ART ART H 589 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 3885005 MTWRF 9:50-10:50  
 MEETS: MAY 16-JULY 8  
 Note: TOPIC: SEQUENTIAL ART

SPECIAL TOPICS ART H 590 VAR. CREDITS  
 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:GRAPHIC DESIGN

GRPHC DSN METHODLGY ARTGR 476 3 CREDITS  
 Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482  
 1889005 1 MWF 8:30-12:00  
 MEETS: MAY 16-JULY 8

GRPH DSGN INTERNSHP ARTGR 480 3 CREDITS  
 Prereq: 377, 12 CR IN GRAPHIC DESIGN; INSTRUCTOR  
 PERMISSION, REGISTRATION IN ADVANCE OF ENROLLMENT  
 7746005 A ARRANGED  
 MEETS: MAY 16-AUG 5  
 7746010 B ARRANGED  
 MEETS: MAY 16-AUG 5

IND ST THEORY, CRIT ARTGR 490A 1- 6 CREDITS  
 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 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
 Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.  
 PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRPHC DSIGN METHDOL ARTGR 576 3 CREDITS  
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN  
 2058005 1 MWF 8:30-12:00  
 MEETS: MAY 16-JULY 8

SPL TOPCS THRY, CRIT ARTGR 590A VAR. CREDITS  
 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. CREDITS  
 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. CREDITS  
 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

CREATIVE COMPONENT ARTGR 599 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS ARTGR 690 VAR. CREDITS  
 Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - THESIS ARTGR 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTGR 699A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH:CREATV CMPON ARTGR 699B VAR. CREDITS  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS  
 8383005 RB ARRANGED  
 MEETS: MAY 16-AUG 5



## ART:INTEGRATED STUDIO ARTS

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS  
Prereq: DSN S 102, 183, 131  
1983800 IT ARRANGED FABER C  
MEETS: JULY 4-29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS Study Abroad Administrative Fee Applies

PAINTING I ARTIS 238 3 CREDITS  
Prereq: ART 230  
Note: Instructor permission required 1st week.  
7828800 IT ARRANGED JONES B  
MEETS: JUNE 3-29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS Materials and professional support fee \$20.00 Study Abroad Administrative Fee Applies

INTEGRATIVE MEDIA ARTIS 305 3 CREDITS  
Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS OF ADDITIONAL ISA STUDIO AT 200+ LEVEL  
Note: Instructor permission required 1st week.  
1771800 IT ARRANGED JONES B  
MEETS: JULY 4-29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS Materials fee \$5.00 Study Abroad Administrative Fee Applies

PAINTING II ARTIS 338 3 CREDITS  
Prereq: 238  
Note: COURSE RESTRICTED TO ART, ARTDN, ARTED, ARTFA, ARTGR, ARTID, ARTIS, BPM I, BPPI MAJORS  
Instructor permission required 1st week.  
7832800 IT ARRANGED JONES B  
MEETS: JUNE 3-29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS Materials fee \$5.00 Study Abroad Administrative Fee Applies

PAINTING III ARTIS 438 3 CREDITS  
Prereq: 338  
Note: COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS Available for nonmajor graduate credit  
Instructor permission required 1st week.  
7833800 IT ARRANGED JONES B  
MEETS: JUNE 3-29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS Materials fee \$5.00 Study Abroad Administrative Fee Applies

INDEP STDY CERAMICS ARTIS 490B 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: Instructor permission required 1st week.  
Materials, field trips &/or travel fee \$70.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST COMPUTER A&D ARTIS 490C 1- 6 CREDITS  
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 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY TEXTILES ARTIS 490E 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: Instructor permission required 1st week.  
Materials fee \$25.00-\$100.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: Instructor permission required 1st week.  
Materials fee \$60.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ART:INTEGRATED STUDIO ARTS

(CONTINUED)

INDEP STDY PAINTING ARTIS 490I 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU PHOTOGRAPHY ARTIS 490J 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: Materials and professional support fee \$25.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FURNITUR ARTIS 490L 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2011  
Instructor permission required 1st week.  
Materials and professional support fee \$35.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP: METALS ARTIS 493G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2011  
Instructor permission required 1st week.  
8014005 MTWRF 9:00-12:00  
MTWRF 1:00-5:00  
MEETS: MAY 16-27  
Note: TOPIC: MOVING METALS  
Materials fee \$0.00-\$200.00

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS  
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 ENROLLMNT.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS DRAWING ARTIS 590D VAR. CREDITS  
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 ENROLLMNT.  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CREDITS  
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 ENROLLMNT.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS  
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 ENROLLMNT.  
Note: Instructor permission required 1st week.  
Materials fee \$60.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS  
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 ENROLLMNT.  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS  
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 ENROLLMNT.  
Note: Materials and professional support fee \$25.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS  
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 ENROLLMNT.  
Note: Instructor permission required 1st week.  
Materials and professional support fee \$60.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS FURNITUR ARTIS 590L VAR. CREDITS  
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 ENROLLMNT.  
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2011  
Instructor permission required 1st week.  
Materials and professional support fee \$35.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ART:INTEGRATED STUDIO ARTS (CONTINUED)

SPL TOP MIXED MEDIA ARTIS 590M VAR. CREDITS  
 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 CREDITS  
 Prereq: COMPLETION OF 350, 365  
 1846005 A ARRANGED  
 MEETS: MAY 16-AUG 5

INDEPENDENT STUDY ARTID 490 1- 6 CREDITS  
 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. CREDITS  
 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. CREDITS  
 Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH:THESIS-EXH ARTID 699B VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**ASTRONOMY & ASTROPHYSICS**

NORTH STAR ASTRONOMY ASTRO 102 1 CREDIT  
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
 8059005 ARRANGED  
 MEETS: JUNE 13-AUG 5  
 Note: Course delivery is WWW  
 8059600 XW ARRANGED WILLSON L  
 MEETS: JUNE 13-AUG 5  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00  
 Section info: <http://www.polaris.iastate.edu/>

EVENING STAR ASTRO 103 1 CREDIT  
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
 8260005 ARRANGED  
 MEETS: JUNE 13-AUG 5  
 Note: Course delivery is WWW  
 8260600 XW ARRANGED WILLSON L  
 MEETS: JUNE 13-AUG 5  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00  
 Section info: [www.polaris.iastate.edu](http://www.polaris.iastate.edu)

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS  
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
 1951005 1 MTWF 8:40-9:40  
 R 8:40-9:40  
 MEETS: JUNE 13-AUG 5

INDEPENDENT STUDY ASTRO 290 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH ASTRO 450 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH ASTRO 450L 1- 6 CREDITS  
 Prereq: 344L AND PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ASTRO 490 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ASTRO 590 VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

## ASTRONOMY &amp; ASTROPHYSICS (CONTINUED)

RESEARCH ASTRO 699 VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**BIOCHEM, BIOPHYSICS & MOLECULAR BIO**

SURVEY OF BIOCHEM BBMB 301 3 CREDITS  
 Prereq: CHEM 231 OR 331  
 Note: AGBIO, BIOCHEMISTRY OR 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  
 MEETS: MAY 16-JULY 8

BIOCHEMISTRY II BBMB 405 3 CREDITS  
 Prereq: 404  
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405  
 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD  
 GRADUATION  
 Available for nonmajor graduate credit  
 2003600 XW ARRANGED BEITZ D  
 MEETS: MAY 17-AUG 6  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$100.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp reqs.php>

INDEPENDENT STUDY BBMB 490 VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION; COLLEGE OF  
 AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION  
 Note: 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

INDEP STUDY HONORS BBMB 490H VAR. CREDITS  
 Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM  
 INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE:  
 JUNIOR OR SENIOR CLASSIFICATION  
 Note: 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 CREDITS  
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
 STUDENT PROPOSES TO WORK  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7099005 1 MTRF 1:00-2:00  
 MTRF 2:00-4:00  
 MEETS: JUNE 13-28

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7100005 1 MTRF 1:00-2:00  
 MTRF 2:00-4:00  
 MEETS: JULY 7-22

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

RESEARCH BBMB 699 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**BIOINFORMATICS&COMPUTATIONAL BIOL-UG**

SEQUENC DATABS TCNQ BC BIO 442A .5 CREDIT  
 Prereq: JUNIOR STANDING  
 Note: Available for nonmajor graduate credit  
 Satisfactory-Fail Only.  
 9130005 W ARRANGED  
 MEETS: MAY 16-AUG 5  
 Note: Course delivery is WWW

PROTEIN STRUCT TCNQ BC BIO 442B .5 CREDIT  
 Prereq: JUNIOR STANDING  
 Note: Available for nonmajor graduate credit  
 Satisfactory-Fail Only.  
 9133005 W ARRANGED  
 MEETS: MAY 16-AUG 5  
 Note: Course delivery is WWW

PHYLOGEN ANALY TCNQ BC BIO 442C .5 CREDIT  
 Prereq: JUNIOR STANDING  
 Note: Available for nonmajor graduate credit  
 Satisfactory-Fail Only.  
 9134005 W ARRANGED  
 MEETS: MAY 16-AUG 5  
 Note: Course delivery is WWW

## BIOINFORMATICS&amp;COMPUTATIONAL BIOL-UG (CONTINUED)

MICRARRAY ANLY TCNQ BCBIO 442D .5 CREDIT

Prereq: JUNIOR STANDING

Note: Available for nonmajor graduate credit

Satisfactory-Fail Only.

9135005 W ARRANGED  
MEETS: MAY 16-AUG 5

Note: Course delivery is WWW

INDEPENDENT STUDY BCBIO 490 1- 5 CREDITS

Prereq: BCBIO 211, JUNIOR OR SENIOR CLASSIFICATN,  
PERMISSION OF INSTRUCTORNote: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE  
THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION  
Department permission required.8777005 ARRANGED  
MEETS: MAY 16-AUG 5

## BIOLOGY

## (CONTINUED)

PRIN OF BIOLOGY I BIOL 211 3 CREDITS

Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR  
CREDIT OR ENROLLMENT IN CHEM 163 OR 177

Note: CREDIT FOR EITHER BIOL 101 OR BIOL 211, BUT NOT

BOTH, MAY BE APPLIED TOWARD GRADUATION

9468005 A ARRANGED  
MEETS: MAY 16-AUG 5

Note: Course delivery is WWW

Section info: <http://project.bio.iastate.edu>Syllabus: <http://project.bio.iastate.edu>9468010 B MTWRF 9:50-11:50  
MEETS: MAY 16-JUNE 109468600 XW ARRANGED PLEASANTS J  
MEETS: MAY 16-JULY 8

Note: Section XW is off campus

Course delivery is WWW

Delivery fee \$150.00

Section info: <http://project.bio.iastate.edu/>

PRIN OF BIOLOGY II BIOL 212 3 CREDITS

Prereq: 211

9469005 A ARRANGED  
MEETS: MAY 16-AUG 5

Note: Course delivery is WWW

9469600 XW ARRANGED CONTENTO A  
MEETS: MAY 16-JULY 8

Note: Section XW is off campus

Course delivery is WWW

Delivery fee \$150.00

FUND HUMAN ANATOMY BIOL 255 3 CREDITS

7205005 A ARRANGED

MEETS: MAY 16-AUG 5

Note: Course delivery is WWW

7205600 XW ARRANGED CONTENTO A  
MEETS: MAY 16-AUG 5

Note: Section XW is off campus

Course delivery is WWW

Delivery fee \$150.00

FUND HUMAN ANAT LAB BIOL 255L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN 255

6342005 1 TR 9:00-12:00

MEETS: MAY 16-AUG 5

6342010 2 TR 12:10-3:10

MEETS: MAY 16-AUG 5

ECOLOGY BIOL 312 4 CREDITS

Prereq: 211L AND 212L

2069005 A MTWR 9:50-11:05

MW 1:20-4:20

MEETS: MAY 16-JULY 8

Note: Materials, field trips &amp;/or travel fee \$62.00

2069010 B MTWR 9:50-11:05

TR 12:10-3:00

MEETS: MAY 16-JULY 8

Note: Materials, field trips &amp;/or travel fee \$62.00

2069015 C MTWR 9:50-11:05

TR 3:10-6:00PM

MEETS: MAY 16-JULY 8

Note: Materials, field trips &amp;/or travel fee \$62.00

PRINCIP OF GENETICS BIOL 313 3 CREDITS

Prereq: 211, 212

Note: 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

MEETS: MAY 16-JULY 8

GENETICS LABORATORY BIOL 313L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN 313

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301

AND 313L/301L, GEN/AGRON 320

9473005 1 MTWR 9:50-10:50

MTWR 11:00-12:00

MEETS: MAY 16-JULY 8

Note: Materials and equipment use fee \$200.00

9473010 2 MTWR 9:50-10:50

MTWR 11:00-12:00

MEETS: MAY 16-JULY 8

Note: Materials and equipment use fee \$200.00

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS

Prereq: 313

5604005 MTWR 11:00-12:15

MEETS: MAY 16-JULY 8

IND STU BIOL RESRCH BIOL 490R 1- 6 CREDITS

Prereq: 8 CR IN BIOL &amp; PERMISSION OF INSTRUCTOR

Note: 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

**BIOINFORMATICS AND COMPUTATIONAL BIOL**

INDEPENDENT STUDY BCB 490 1- 5 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS BCB 590 VAR. CREDITS

Prereq: PERMISSION OF INSTRUCTOR

1337005 ARRANGED  
MEETS: MAY 16-AUG 5

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS

7827005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH BCB 699 VAR. CREDITS

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOLOGICAL SYSTEMS ENGINEERING**

SUMMER INTERNSHIP BSE 396X R CREDIT

Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOLOGICAL/PRE-MEDICAL ILLUSTRATION**

INDEPENDENT STUDY BPM I 490 1- 3 CREDITS

Prereq: WRITTEN APPROVAL OF INSTR &amp; 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 CREDITS

Prereq: JR OR SR CLASSIFICATION IN BPM I. WRITTEN

APPROVAL OF SUPERVISING INSTR &amp; ADVISORY COMM CHAIR

ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOLOGY**

INTRODUCTORY BIOL BIOL 101 3 CREDITS

Note: CREDIT FOR EITHER BIOL 101 OR BIOL 211/201, BUT

NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

2064005 A MTWRF 12:10-2:20

MEETS: JUNE 13-JULY 8

2064010 B ARRANGED

MEETS: MAY 16-AUG 5

Note: Course delivery is WWW

Section info: <http://project.bio.iastate.edu>Syllabus: <http://project.bio.iastate.edu>

2064600 XW ARRANGED PLEASANTS J

MEETS: MAY 16-AUG 5

Note: Section XW is off campus

Course delivery is WWW

Delivery fee \$150.00

Section info: [http://lasonline.iastate.edu/biol\\_101/](http://lasonline.iastate.edu/biol_101/)

HUMAN BIOLOGY BIOL 155 3 CREDITS

Prereq: HS BIOLOGY &amp; CHEMISTRY OR BIOL 101

7079005 A ARRANGED

MEETS: MAY 16-AUG 5

Note: Course delivery is WWW

ENVIRONMNTL BIOLOGY BIOL 173 3 CREDITS

2015005 A ARRANGED

MEETS: MAY 16-AUG 5

Note: Course delivery is WWW

Section info: <http://project.bio.iastate.edu>Syllabus: <http://project.bio.iastate.edu>

2015600 XW ARRANGED PLEASANTS J

MEETS: MAY 16-JULY 8

Note: Section XW is off campus

Course delivery is WWW

Delivery fee \$150.00

Section info: [http://lasonline.iastate.edu/biol\\_173](http://lasonline.iastate.edu/biol_173)

## BIOLOGY

(CONTINUED)

LAB TEACHNG EXPERNC BIOL 491 1- 2 CREDITS  
Prereq: PERMISSION OF SUPERVISING STAFF  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS  
Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN  
Note: Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCE;  
PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION  
4546005 ARRANGED  
MEETS: MAY 16-AUG 5

## BIOMEDICAL SCIENCES

INDEPENDENT STUDY B M S 490 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CREDITS  
Prereq: INSTR PERMISSN, HONORS PROG MEMBERSHIP  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 501 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A  
B M S FACULTY MEMBER  
6978005 ARRANGED  
MEETS: MAY 16-AUG 5

INTRO DNA TECHNIQS B M S 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7133005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 13-28

INTR PROTEIN TECHNQ B M S 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7134005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 7-22

SPCL TOPICS ANATOMY B M S 590A 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY B M S 590B 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC PHARMACOL B M S 590C 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT B M S 599 1- 3 CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM,  
PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS ANATOMY B M S 690A 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY B M S 690B 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL B M S 690C 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698B 1 CREDIT  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
Satisfactory-Fail Only.  
6995005 ARRANGED  
MEETS: MAY 16-JULY 8

RESEARCH ANATOMY B M S 699A VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYSIOLOGY B M S 699B VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## BIOMEDICAL SCIENCES

(CONTINUED)

RESRCH PHARMACOLOGY B M S 699C VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CELL BIOL B M S 699D VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS BRT 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

BIORENEW RSOUC LAB BRT 591L 1 CREDIT  
Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BRT 699 VAR. CREDITS  
Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## BIORENEWABLE RESOURCES &amp; TECHNOLOGY

SPECIAL TOPICS BRT 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

BIORENEW RSOUC LAB BRT 591L 1 CREDIT  
Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BRT 699 VAR. CREDITS  
Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## BUSINESS ADMINISTRATION

CMPTR COMPTNC BUSNS BUSAD 150 R CREDIT  
Satisfactory-Fail Only.  
8808005 A ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Course delivery is WWW

INTRO TO BUSINESS BUSAD 250 3 CREDITS  
Prereq: 101; 150 OR COM S 103  
Note: SECTIONS A1,B1 RESTRICTED TO BUSINESS COLLEGE  
UNDERGRADS ONLY. SECTIONS A2,B2 RESTRICTED TO  
UNDERGRADS IN ALL OTHER COLLEGES.  
8807005 A1 MTWRF 9:50-11:50  
MEETS: MAY 16-JUNE 10  
Note: College permission required 1st week.  
8807010 A2 MTWRF 9:50-11:50  
MEETS: MAY 16-JUNE 10  
Note: College permission required 1st week.  
8807015 B1 MTWRF 12:10-2:10  
MEETS: JULY 11-AUG 5  
Note: College permission required 1st week.  
8807025 B2 MTWRF 12:10-2:10  
MEETS: JULY 11-AUG 5  
Note: College permission required 1st week.

EXP DOMESTIC INTERN BUSAD 291A 1- 3 CREDITS  
Prereq: WRITTEN APPROVAL OF SUPERVISING  
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
PRIOR TO THE LEARNING EXPERIENCE  
Note: Department permission required.  
Satisfactory-Fail Only.  
6723015 QH ARRANGED  
MEETS: MAY 16-AUG 5  
6723010 RD ARRANGED  
MEETS: MAY 16-AUG 5  
6723020 TC ARRANGED  
MEETS: MAY 16-AUG 5

COOPERATIVE EDUC BUSAD 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT  
Satisfactory-Fail Only.  
6147005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Permission of coordinator required.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
Instructor permission required.  
3635005 ARRANGED  
MEETS: MAY 16-AUG 5

INDEPENDENT STUDY BUSAD 490G 1- 3 CREDITS  
Note: Instructor permission required.  
3634005 ARRANGED  
MEETS: MAY 16-AUG 5

INDEP STUDY HONORS BUSAD 490H 1- 3 CREDITS  
Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

EXP DOMESTIC INTERNS BUSAD 491A 1- 3 CREDITS  
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.  
Note: Department permission required.  
Satisfactory-Fail Only.  
6722015 QH ARRANGED  
MEETS: MAY 16-AUG 5  
6722010 RD ARRANGED  
MEETS: MAY 16-AUG 5  
6722020 TC ARRANGED  
MEETS: MAY 16-AUG 5

## BUSINESS ADMINISTRATION (CONTINUED)

EXP INT'L INTERNSHP BUSAD 491B 1- 3 CREDITS  
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.  
Note: Department permission required.  
Satisfactory-Fail Only.  
7512010 QH ARRANGED  
MEETS: MAY 16-AUG 5  
7512005 RD ARRANGED  
MEETS: MAY 16-AUG 5  
7512015 TC ARRANGED  
MEETS: MAY 16-AUG 5

EXPERIENTIAL LEARNG BUSAD 491E 1- 3 CREDITS  
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.  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
College permission required to add during 1st week. Go to 1200 Gerdin.  
7515005 JE ARRANGED  
MEETS: AUG 7-12

PRO EXPERIENTL LRNG BUSAD 591 1- 3 CREDITS  
Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE  
7533015 DK ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Department permission required.  
7533005 HV ARRANGED  
MEETS: MAY 16-AUG 5  
Note: SEC HV OFFERED FOR 3 CREDITS  
Department permission required.  
7533010 JM ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Department permission required.  
7533025 MP ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Department permission required.

COOPERATIVE EDUCATN BUSAD 598 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7906005 ARRANGED  
MEETS: MAY 16-AUG 5

CREATIV COMP ACCNTG BUSAD 599A 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC BUSAD 599C 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MANAGMT BUSAD 599E 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MARKTG BUSAD 599F 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP LOGIST&SCM BUSAD 599H 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER&SCM BUSAD 599L 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CREDITS  
Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**CHEMICAL ENGINEERING**

COOPERATIVE EDUC CH E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGR LAB I CH E 325 2 CREDITS  
Prereq: 357, CREDIT OR ENROLLMENT IN 381  
Note: Available for nonmajor graduate credit  
Instructor permission required 1st week.  
5699005 A MTWR 9:00-12:00  
MTWR 1:00-5:00  
MEETS: MAY 16-JUNE 10  
Note: Materials fee \$65.00

SUMMER INTERNSHIP CH E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC CH E 398 R CREDIT  
Prereq: 298, PERMISSN OF DEPARTMT EACH TIME TAKEN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGR LAB II CH E 426 2 CREDITS  
Prereq: 325, 358, 382  
Note: CREDIT FOR CH E 426 OR CH E 427, BUT NOT BOTH,  
MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO CH E SENIORS GRADUATING SUMMER 2011.  
Available for nonmajor graduate credit  
Instructor permission required 1st week.  
2448005 A MTWR 9:00-12:00  
MTWR 1:00-5:00  
MEETS: MAY 16-JUNE 10  
Note: Materials fee \$70.00

INDEPENDENT STUDY CH E 490 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CREDITS  
Prereq: MEMBERSHIP IN THE HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CH E 498 R CREDIT  
Prereq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH CH E 499 3 CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
Note: NO MORE THAN 6 CREDITS OF CH E 499 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS CH E 590 2- 6 CREDITS  
2470022 DR ARRANGED  
MEETS: MAY 16-AUG 5  
2470051 JO ARRANGED  
MEETS: MAY 16-AUG 5

SP TOP ADV CNTL THY CH E 595B 2- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
2472005 ARRANGED  
MEETS: MAY 16-AUG 5

CREATIVE COMPONENT CH E 599 VAR. CREDITS  
2478005 ARRANGED  
MEETS: MAY 16-AUG 5

ENGINEER INTERNSHIP CH E 697 R CREDIT  
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF  
2116005 ARRANGED  
MEETS: MAY 16-AUG 5

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

**CHEMISTRY**

COLLEGE CHEM PREP CHEM 50 0 CREDITS  
Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA  
Note: CREDIT FOR CHEM 50 DOES NOT APPLY TOWARD GRADUATION. DEVELOPMENTAL MATH FEE APPLIES. SEE FEES INFO AT [HTTP://WWW.PUBLIC.IASTATE.EDU/~REGISTRAR/FEES/OTHFEE.SHTML](http://www.PUBLIC.IASTATE.EDU/~REGISTRAR/FEES/OTHFEE.SHTML).  
4523005 MTWRF 9:50-11:50  
MEETS: JULY 18-AUG 12  
Section info: <http://avogadro.chem.iastate.edu/chem50/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem50/syllabus.html>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS  
Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L.  
CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.  
Note: CREDIT FOR ONLY ONE OF CHEM 163, CHEM 165, CHEM 167, CHEM 177, CHEM 201 (AND ACCOMPANYING LAB) MAY BE APPLIED TOWARD GRADUATION  
2495005 A1 MTWRF 9:50-10:50  
TR 11:00-12:00  
MEETS: MAY 16-JULY 8  
Section info: <http://avogadro.chem.iastate.edu/chem177/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495010 A2 MTWRF 9:50-10:50  
TR 11:00-12:00  
MEETS: MAY 16-JULY 8  
Section info: <http://avogadro.chem.iastate.edu/chem177/>

## CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS  
Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>  
2495015 A3 MTWRF 9:50-10:50  
TR 11:00-12:00  
MEETS: MAY 16-JULY 8  
Section info: <http://avogadro.chem.iastate.edu/chem177/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

LAB GENERAL CHEM I CHEM 177L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 177  
Note: 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, CHEM 177N, CHEM 201L.  
2496005 A MW 11:00-2:00  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem177/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

GENERAL CHEMISTRY II CHEM 178 3 CREDITS  
Prereq: 177, 177L  
Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED CREDIT FOR EITHER CHEM 164 (AND 164L) OR CHEM 178 (AND 178L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
2499005 1 MTWR 11:00-12:00  
F 11:00-12:00  
MEETS: MAY 16-JULY 8  
2499010 2 MTWR 11:00-12:00  
F 11:00-12:00  
MEETS: MAY 16-JULY 8

LAB GENERAL CHEMIST CHEM 178L 1 CREDIT  
Prereq: 177L AND CREDIT OR ENROLLMENT IN 178.  
178L IS NOT A NECESSARY COREQUISITE WITH 178.  
Note: CREDIT FOR EITHER CHEM 164L OR CHEM 178L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
2500005 1 TR 12:10-3:10  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$80.00  
2500010 2 TR 12:10-3:10  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$80.00

ELEM ORGANIC CHEM CHEM 231 3 CREDITS  
Prereq: 163,163L, OR 177,177L; CR OR ENR IN 231L  
Note: 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  
MEETS: MAY 16-JULY 8

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231; 163L OR 177L  
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231L OR CHEM 333L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
7900005 1 MW 9:50-10:50  
MW 10:50-12:50  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$80.00  
7900010 2 TR 9:50-10:50  
TR 10:50-12:50  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$80.00  
7900015 3 MW 1:20-2:20  
MW 2:20-4:20  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$80.00

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

UNDERGRAD RESEARCH CHEM 399 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION  
Note: 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. CREDITS  
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION  
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION  
2527005 ARRANGED  
MEETS: MAY 16-AUG 5

## CHEMISTRY

(CONTINUED)

COOPERATIVE EDUCATN CHEM 498 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
4841005 ARRANGED  
MEETS: MAY 16-AUG 5

SENIOR RESEARCH CHEM 499 2- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES  
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 499 AND CHEM 399 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

NONTHESIS RESEARCH CHEM 599 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR CONCERNED  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SEMINR INORGNC CHEM CHEM 600 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2563005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH CHEM 699 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## CIVIL ENGINEERING

COOPERATIVE EDUC C E 298 R CREDIT  
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

PRIN ENVIRONMT ENGR C E 326 3 CREDITS  
Prereq: CHEM 167 OR 178, MATH 166, CREDIT OR ENROLLMENT IN E M 378  
Note: Available for nonmajor graduate credit  
2284005 1 MTWR 4:10-5:00  
TR 2:10-4:00  
MEETS: JUNE 13-AUG 5

STRUCTURAL ANALYS I C E 332 3 CREDITS  
Prereq: E M 324  
Note: Available for nonmajor graduate credit  
2285005 1 MWF 7:30-8:30  
TR 7:30-9:40  
MEETS: MAY 16-JULY 8

STRUCT STEEL DSGN I C E 333 3 CREDITS  
Prereq: 332, E M 327  
Note: Available for nonmajor graduate credit  
2286005 1 MTR 9:50-10:50  
WF 8:40-10:50  
MEETS: MAY 16-JULY 8

REIN CONCRETE DSN I C E 334 3 CREDITS  
Prereq: 332, E M 327  
Note: Available for nonmajor graduate credit  
2287005 1 MWF 7:30-8:30  
TR 7:30-9:40  
MEETS: MAY 16-JULY 8

GEOTECHNICL ENGNRNG C E 360 3 CREDITS  
Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201  
Note: Available for nonmajor graduate credit  
2291005 1 MW 2:20-3:10  
F 2:20-4:10  
MW 3:20-6:20PM  
MEETS: JUNE 13-AUG 5  
Note: Materials fee \$10.00-\$40.00

SUMMER INTERNSHIP C E 396 R CREDIT  
Prereq: PERMISSION OF DEPT AND ENGR CAREER SERVICES, COMPLETION OF 2 TERMS IN RESIDENCE IN CIVIL ENGR, EMPLOYMENT IN CIVIL ENGR OR RELATED FIELD  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC C E 398 R CREDIT  
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGR CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY C E 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

## CIVIL ENGINEERING

(CONTINUED)

COOPERATIVE EDUC C E 498 R CREDIT  
Prereq: 398, PERMISSION OF DEPARTMENT AND  
ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS C E 590 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV BLDG CN C E 594L 1- 3 CREDITS  
Prereq: CON E 322, CON E 340 OR C E 306, AND  
PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
2186005 TR 9:50-12:40  
MEETS: MAY 16-JULY 8

CREATIVE COMPONENT C E 599 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CREDITS  
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CREDIT  
Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF  
Note: Department permission required.  
Satisfactory-Fail Only.  
7416005 ARRANGED  
MEETS: MAY 16-AUG 5

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

## CLASSICAL STUDIES

STUDY ABROAD GREECE CL ST 395 2- 6 CREDITS  
Prereq: 394  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.  
PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
Meets international perspectives reqmt  
5120800 GR ARRANGED MOOK M  
MEETS: MAY 9-JUNE 1  
Note: SEC GR TAUGHT IN GREECE; ATHENS, MYCEMAE, RHODES,  
CRETE, THERA. THE ARCHAEOLOGY OF GREECE. STUDY  
ABROAD SUMMER 2011  
Study Abroad Administrative Fee Applies

ROMAN CIVILIZATION CL ST 403 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: Available for nonmajor graduate credit  
2590005 MTWRF 12:10-2:10  
MEETS: JULY 11-AUG 5

INDEPENDENT STUDY CL ST 490 1- 6 CREDITS  
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 CREDITS  
Note: Meets U.S. diversity reqmt  
2612600 XV ARRANGED VENKATAGIRI H  
MEETS: JUNE 13-AUG 5  
Note: Section XV is off campus  
Course delivery is WWW  
Delivery fee \$150.00

## COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS  
7918005 MTWRF 2:30-4:30  
MEETS: MAY 16-JUNE 10

INTRO INTERPRS COMM COMST 102 3 CREDITS  
8105005 1 MTWRF 9:00-11:50  
MEETS: MAY 16-JUNE 3

INTRO COM RSRCH MTD COMST 203 3 CREDITS  
5123005 1 MTWRF 2:30-3:50  
MEETS: MAY 16-JUNE 24

HUMAN COMMUNIC THRY COMST 301 3 CREDITS  
Prereq: 101  
6593005 MTWRF 12:10-2:10  
MEETS: MAY 16-JUNE 10

GENDER & COMMUNICTN COMST 323 3 CREDITS  
Prereq: SP CM 212  
Note: Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
3339005 MTWRF 12:10-2:20  
MEETS: MAY 16-JUNE 10

## COMMUNICATION STUDIES

(CONTINUED)

INDEPENDENT STUDY COMST 490 1- 3 CREDITS  
Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 499 1- 3 CREDITS  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## COMMUNITY &amp; REGIONAL PLANNING

URBAN FORM C R P 320 3 CREDITS  
Prereq: 253 OR 270, OR PERMISSION OF INSTRUCTOR  
8073800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-JULY 29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM. STUDY ABROAD  
SUMMER 2011 OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies

PRACTICUM C R P 330 1- 3 CREDITS  
Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING  
Satisfactory-Fail Only.  
2386005 ARRANGED  
MEETS: MAY 16-AUG 5

FIELD TRAVEL C R P 391 1- 2 CREDITS  
Prereq: C R P MAJOR, PERMISSION OF ADVISER  
Satisfactory-Fail Only.  
2402800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-JULY 29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM. STUDY ABROAD  
SUMMER 2011 OFFERED FOR 1 CREDIT  
Field trips & travel fee \$200.00-\$1,000.00  
Study Abroad Administrative Fee Applies

PRO WORK EXPERIENCE C R P 410 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
2710005 ARRANGED  
MEETS: MAY 16-AUG 5

URBAN DSGN&PRACTICE C R P 416 6 CREDITS  
Prereq: 253 OR 270  
2389800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-JULY 29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM. STUDY ABROAD  
SUMMER 2011 OFFERED FOR 6 CREDITS  
Materials fee \$50.00-\$750.00  
Study Abroad Administrative Fee Applies

INDEPENDENT STUDY C R P 490 1- 3 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM.  
Note: RESTRICTED TO MEMBERS OF UNIV HONORS PROGRAM ONLY  
Instructor permission required 1st week.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO WORK EXPERIENCE C R P 510 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM C R P 530 1- 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN C R P  
Satisfactory-Fail Only.  
2405005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TP PLAN LAW,ADM C R P 590A 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## COMMUNITY &amp; REGIONAL PLANNING (CONTINUED)

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO PLANNING REPORT C R P 599 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CREDITS  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**COMMUNITY DEVELOPMENT**

CREATIVE COMPONENT C DEV 599 VAR. CREDITS  
2349600 XF ARRANGED FLORA C  
MEETS: JUNE 1-AUG 15  
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
AT 515-294-7656/LYOUNG@IASTATE.EDU.  
Instructor permission required.  
Section XF is off campus  
Course delivery is Independent study  
Tuition Category: GPIDEA Consortium

**COMPUTER ENGINEERING**

DIG LOGC, PROCSR, P I CPR E 281 4 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
7321005 A MTWRF 9:50-10:50  
TR 2:30-5:30  
MEETS: MAY 16-JULY 8

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS  
Prereq: 281, COM S 207 OR 227  
3364005 A MTWRF 8:40-9:40  
TR 12:10-2:10  
MEETS: MAY 16-JULY 8

COOPERATIVE EDUCATN CPR E 298 R CREDIT  
Prereq: PERMSSN OF DEPTMNT AND ENGINEERNG CAREER  
SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP CPR E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## COMPUTER ENGINEERING (CONTINUED)

COOPERATIVE EDUCATN CPR E 398 R CREDIT  
Prereq: 298, PERMSSN OF DEPARTMNT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CPR E 490 VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR  
Note: Department permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Department permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CPR E 498 R CREDIT  
Prereq: 398, PERMSSN OF DEPARTMNT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS CPR E 590 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEERNG INTERNSHP CPR E 697 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR AND ENGINEERING  
CAREER SERVICES, GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7420005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Department permission required.

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

**COMPUTER SCIENCE**

COMPUTER APPLICATNS COM S 103 4 CREDITS  
2673005 1 ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: Course delivery is WWW  
Section info: <http://www.cs.iastate.edu/~cs103w>

2673010 2 ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: Course delivery is WWW  
Section info: <http://www.cs.iastate.edu/~cs103w>

2673015 3 ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: Course delivery is WWW  
Section info: <http://www.cs.iastate.edu/~cs103w>

2673600 XW ARRANGED CHANG S  
MEETS: JUNE 13-AUG 5  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$200.00  
Section info: <http://www.cs.iastate.edu/~cs103w>

APP COMPUTER PROGRAM COM S 107 3 CREDITS  
2674005 A ARRANGED  
MEETS: MAY 16-JULY 8  
Note: Course delivery is WWW

2674600 XW ARRANGED  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

PROGRAMMING I COM S 207 3 CREDITS  
Prereq: MATH 150 OR PLACEMENT INTO MATH  
140/141/142 OR HIGHER  
Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

9235005 A MTWRF 11:00-12:00  
TR 1:20-2:20  
MEETS: MAY 16-JULY 8

INTR OBJT ORIEN PRG COM S 227 4 CREDITS  
Note: 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  
MEETS: MAY 16-JULY 8

INTRO DATA STRUCTUR COM S 228 3 CREDITS  
Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT  
IN MATH 165

9238005 A MTWRF 11:00-12:00  
MW 2:30-3:30  
MEETS: MAY 16-JULY 8



## COMPUTER SCIENCE

(CONTINUED)

INDEPENDENT STUDY COM S 290 VAR. CREDITS

Prereq: PERMISSION OF INSTRUCTOR

Note: Instructor permission required 1st week.

Satisfactory-Fail Only.

2680005 ARRANGED  
MEETS: MAY 16-AUG 5

DSN&amp;ANALYSIS ALGRTH COM S 311 3 CREDITS

Prereq: 228 WITH C- OR BETTER, MATH 166,  
ENGL 250 OR ENGL 105, AND COM S 330 OR CPR E 310  
Note: 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  
MEETS: MAY 16-JULY 8

INTR DATABS MGT SYS COM S 363 3 CREDITS

Prereq: 228 WITH C- OR BETTER, ENGL 250  
OR ENGL 105

Note: Available for nonmajor graduate credit

2689005 A MTWRF 12:10-2:10  
MEETS: MAY 16-JUNE 24

COOPERATIVE EDUCATN COM S 398 R CREDIT

Prereq: PERMISSION OF DEPARTMENT CHAIR

2691005 ARRANGED  
MEETS: MAY 16-AUG 5

INDEPENDENT STUDY COM S 490 VAR. CREDITS

Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE  
APPLIED TOWARD GRADUATION

Instructor permission required 1st week.

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS COM S 590 VAR. CREDITS

Prereq: PERMISSION OF INSTRUCTOR

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATE INTERNSHIP COM S 598 R CREDIT

Prereq: GRADUATE CLASSIFICATION

5627005 ARRANGED  
MEETS: MAY 16-AUG 5

CREATIVE COMPONENT COM S 599 1- 3 CREDITS

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CREDITS

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COM S 699 VAR. CREDITS

Prereq: APPROVAL OF INSTRUCTOR

Note: Instructor permission required 1st week.

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**CONSTRUCTION ENGINEERING**

COOPERATIVE EDUCATN CON E 298 R CREDIT

Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING LAW CON E 380 3 CREDITS

Prereq: JUNIOR CLASSIFICATION

Note: Available for nonmajor graduate credit

5102005 1 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

SUMMER INTERNSHIP CON E 396 R CREDIT

Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CON E 398 R CREDIT

Prereq: 298, PERMISSION OF DEPT AND ENGINEERING  
CAREER SERVICES

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CON E 490 1- 5 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CON E 498 R CREDIT

Prereq: 398, PERMISSION OF DEPT AND ENGINEERING  
CAREER SERVICES

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**CRIMINAL JUSTICE STUDIES**

INTR CRIMINL JUSTIC CJ ST 240 3 CREDITS

4719600 XW ARRANGED

MEETS: MAY 16-JULY 8

Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

YOUTH &amp; CRIME CJ ST 241 3 CREDITS

Prereq: SOC S 130 OR 134

2576600 XW ARRANGED

MEETS: JUNE 13-JULY 8

Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS

Prereq: PHIL 201 OR 230

Note: Available for nonmajor graduate credit

Instructor permission required 1st week.

2578005 MTWRF 9:50-11:10  
MEETS: MAY 16-JUNE 24

CRIMINOLOGY CJ ST 341 3 CREDITS

Prereq: SOC 130 OR 134

3175600 XW ARRANGED

MEETS: JUNE 13-AUG 5

Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

POLICE AND SOCIETY CJ ST 351 3 CREDITS

Prereq: 240 OR 241

7751600 XW ARRANGED

MEETS: JUNE 14-AUG 6

Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

PNISH,CORECTN&amp;SOCIE CJ ST 352 3 CREDITS

Prereq: 240 OR 241

7762600 XW ARRANGED

MEETS: MAY 16-JUNE 10

Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

CRIM &amp; JUV JUST PRAC CJ ST 460 3-12 CREDITS

Prereq: JR OR SR CLASSIFICATION; PERMISSION  
OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC,  
OR CJ ST MINOR

Satisfactory-Fail Only.

2581005 A ARRANGED  
MEETS: MAY 16-AUG 5**CURRICULUM & INSTRUCTION**

DIGITAL LEARN PK-6 C I 201 3 CREDITS

3015005 1 MWF 8:40-9:40

TR 8:40-10:40

MEETS: JUNE 13-AUG 5

Note: Materials and equipment use fee \$20.00

SOC FOUND AMER EDUC C I 204 3 CREDITS

6278005 A MWF 9:50-12:20

MEETS: JUNE 13-JULY 22

RDG&amp;LANG ARTS K-3RD C I 377 4 CREDITS

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) OR 438, 468F, 468G, SP ED  
368, HD FS 343 (ECE), ADMISSION TO TEACHER ED PROGRAMNote: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM. TAKE CONCURRENTLY WITH 468A, 448, 468C.2066005 1 MTWR 11:30-2:50  
MEETS: MAY 9-JUNE 9

RDG&amp;LANG ARTS 4TH-6 C I 378 4 CREDITS

Prereq: 377; CONCURRENT ENRLMNT IN 449, 468B, 468D

Note: COURSE RESTRICTED TO EL ED MAJORS. TAKE  
CONCURRENTLY WITH 468D, 378, 468B.

Department permission required 1st week.

2078005 1 MTWR 8:00-11:20  
MEETS: MAY 9-JUNE 9

INTRO MLTCULTRL FND C I 406 3 CREDITS

Prereq: 201 OR 202, 332 OR 333, JUNIOR

CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM

Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION

TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.

Meets U.S. diversity reqmt

6292005 1 MTWRF 3:00-5:20  
MEETS: MAY 16-JUNE 10

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

PRINCIPLS SECNDY ED C I 426 3 CREDITS  
Prereq: 202, SR CLASSIFICATION, ADMISSION TO  
TEACHER EDUCATION PROGRAM  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
6293005 1 MTWRF 1:20-3:30  
MEETS: JUNE 13-JULY 8

TCHNG CHILDREN MATH C I 448 3 CREDITS  
Prereq: MATH 195, 196, CONCURRENT ENROLLMENT IN  
C I 377, 468A, 468C  
Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.  
MUST BE TAKEN CONCURRENTLY WITH 468C,377,468A.  
Department permission required 1st week.  
3260005 1 MTWRF 8:00-10:20  
MEETS: MAY 9-JUNE 3

TEACHING OF SCIENCE C I 449 3 CREDITS  
Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468B  
468D, JUNIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.  
MUST BE TAKEN CONCURRENTLY WITH 468D,378,468B.  
Department permission required 1st week.  
3261005 1 MTWRF 12:10-2:30  
MEETS: MAY 9-JUNE 3

RDNG&LANGUAG TCHNOL C I 456 3 CREDITS  
Prereq: 201 OR 202, 377  
Note: Department permission required 1st week.  
3257005 1 MTWRF 8:00-12:00  
MEETS: MAY 9-20

PRA PRIMRY RDG&LANG C I 468A 1 CREDIT  
Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM. TAKE CONCURRENTLY WITH 377,448,468C.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3265005 1 MTWRF 7:30-12:30  
MEETS: JUNE 10-JULY 1  
Note: Professional support, field trips &/or  
travel fee \$51.75

PRA RDG&LANG INTRMD C I 468B 1 CREDIT  
Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
Note: RESTRICTED TO EL ED MAJORS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. TAKE  
CONCURRENTLY WITH 378,449,468D.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3266005 1 MTWRF 7:30-12:30  
MEETS: JUNE 10-JULY 1  
Note: Professional support, field trips &/or  
travel fee \$51.75

TCHG PRACTICUM MATH C I 468C 1 CREDIT  
Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM. MUST BE TAKEN CONCURRENTLY WITH 448,468A,377  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3267005 1 MTWRF 7:30-12:30  
MEETS: JUNE 10-JULY 1  
Note: Professional support, field trips &/or  
travel fee \$51.75

TCHNG PRACTICUM SCI C I 468D 1 CREDIT  
Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM. CONCURRENTLY WITH 449,378,468B.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3268005 1 MTWRF 7:30-12:30  
MEETS: JUNE 10-JULY 1  
Note: Professional support, field trips &/or  
travel fee \$51.75

PRACT READNG ENDORS C I 468R 1 CREDIT  
Prereq: PERMISSION OF DEPT; CONCURRENT ENR IN 378  
ADMISSION TO TEACHER EDUC PROGRAM  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Department permission required 1st week.  
Satisfactory-Fail Only.  
4300005 MTWRF 7:30-12:30  
MEETS: JUNE 10-JULY 1  
Note: Professional support, field trips &/or  
travel fee \$58.00

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

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

IND STDY METHD TCHG C I 490E 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

IND STU HIST/SOC SC C I 490K 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

IND STU WORLD LANGU C I 490N 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC C I 490O 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

TCHNOL IN TEACH&LRN C I 505 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2796005 1 TWR 5:00-8:30PM  
MEETS: JULY 5-28

PRIN DISTANCE LEARN C I 507 3 CREDITS  
Prereq: 501, CONVENIENT ACCESS TO THE WEB  
4384600 XW ARRANGED HARGRAVE C  
MEETS: JUNE 4-JULY 1  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$50.00

INTRO SCIENCE TEACH C I 514 2 CREDITS  
Prereq: ADMISSION TO M.A.T. PROGRAM  
8372005 MW 5:30-8:30PM  
ARRANGED  
MEETS: MAY 9-27

PRIN SECONDARY EDUC C I 526 3 CREDITS  
Prereq: 6 CREDITS IN EDUCATION  
7724005 1 MTWRF 1:20-3:30  
MEETS: JUNE 13-JULY 8

ED PSY&SECNDY CLSRM C I 529 3 CREDITS  
Prereq: BACHELOR'S DEGREE, ADMISSION INTO A  
GRADUATE-LEVEL TEACHER LICENSURE PROGRAM  
8674005 1 MTWRF 8:40-10:40  
MEETS: JUNE 6-JULY 1

ADV PEDAG SCIENC ED C I 546 3 CREDITS  
Prereq: BACHELOR'S DEGREE  
3527005 1 MTWRF 2:30-4:30  
MEETS: MAY 9-JUNE 3

RESTRUC SCIENC ACTV C I 548 3 CREDITS  
Prereq: ADMISSION TO TEACHER EDUCATION OR  
TEACHING LICENSE  
8417005 MTWRF 11:00-2:20  
MEETS: MAY 9-27

CORRECTIVE READING C I 552 3 CREDITS  
Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST  
REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE  
STUDENT MUST HAVE A TEACHING LICENSE  
3276005 1 MTWRF 1:00-3:00  
MEETS: MAY 23-JUNE 24  
Note: THE ONLY FRIDAY MTG IS JUNE 3  
3276010 2 MTWRF 1:00-3:00  
MEETS: JUNE 27-JULY 29  
Note: THE ONLY FRIDAY MTG IS JULY 8

RDNG MILD/MO DISABL C I 553 3 CREDITS  
Prereq: TEACHING LICENSE  
7267005 1 MTWR 9:00-11:30  
MEETS: JUNE 6-30

TCHNOL IN READ&LANG C I 556 3 CREDITS  
Prereq: TEACHING LICENSE  
1285005 1 MTWRF 8:00-12:00  
MEETS: MAY 9-20

TECHNLGY FOR TEACHR C I 570 2 CREDITS  
Prereq: C I 201 OR 202, NON-ENGINEERING MAJOR  
5622005 MTWRF 8:30-11:30  
MTWRF 12:30-3:30  
MEETS: JUNE 6-10

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

SUPVS TUTOR READING C I 588 3 CREDITS  
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 3:15-5:15  
ARRANGED  
MEETS: MAY 23-JUNE 24  
Note: THE ONLY FRIDAY MTG IS JUNE 3  
Professional support, field trips &/or  
travel fee \$25.00  
9245010 2 MTWRF 3:15-5:15  
ARRANGED  
MEETS: JUNE 27-JULY 29  
Note: THE ONLY FRIDAY MTG IS JULY 8  
Professional support, field trips &/or  
travel fee \$25.00

SPCL TOP CURRICULUM C I 590A 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTR TECHNO C I 590B 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC C I 590C 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC C I 590D 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP MULTICULT ED C I 590F 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS MATH EDUC C I 590G 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ELEM ED C I 590I 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU C I 590J 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH C I 590K 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL STDI C I 590L 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

INSTR TECHNOL WKSHP C I 593B 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2011  
2811005 MTWRF 1:00-4:00  
MEETS: JUNE 6-17

CRTV COMP CURRICULM C I 599A 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

CR COMP INSTR TCHNL C I 599B 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED C I 599C 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED C I 599D 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC C I 599G 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED C I 599I 1- 3 CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

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

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

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

ADV SPCL TOP CURRIC C I 690A VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP INS TCH C I 690B VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MLTICUL C I 690F VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

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

ADV SPL TP WRL LANG C I 690J VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM C I 699A VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RES INSTRUC TECHNOL C I 699B VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC C I 699G VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRLD LANGU ED C I 699J VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL C I 699K VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED C I 699L VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

RESRCH LITERACY ED C I 699M VAR. CREDITS  
\*\*\*\*\*  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
SEE DEPT FOR REFERENCE NUMBERS

**DANCE**

BALLROOM DANCE I DANCE 160 1 CREDIT  
Satisfactory-Fail Only.  
2842005 1 MTWRF 8:40-9:40  
MEETS: MAY 16-JUNE 24  
Note: SECTION 1 FOR WOMEN ONLY  
Materials and professional support fee \$10.00  
2842010 2 MTWRF 8:40-9:40  
MEETS: MAY 16-JUNE 24  
Note: SECTION 2 FOR MEN ONLY  
Materials and professional support fee \$10.00

## DANCE (CONTINUED)

DANCE APPRECIATION DANCE 270 3 CREDITS  
2855005 MTWRF 9:50-12:00  
MEETS: MAY 16-JUNE 10

INDEPENDENT STUDY DANCE 490 1- 3 CREDITS  
Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## DESIGN STUDIES

HISTORY OF ART II DSN S 281 3 CREDITS  
Note: Meets international perspectives reqmt  
2637005 MWF 9:50-12:00 MORGAN E  
MEETS: MAY 16-JULY 8  
Note: Field trips & travel fee \$0.00-\$15.00

URBAN FORM DSN S 320 3 CREDITS  
Prereq: C R P 253 OR 270, OR INSTRUCTOR PERMISSION  
8078800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-JULY 29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM. STUDY ABROAD  
SUMMER 2011 OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies

INTERDIS DSN STUDIO DSN S 446 4- 6 CREDITS  
Prereq: JR CLASSIFICATION IN A CURRICULUM IN  
THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 6 CREDITS SUMMER 2011.  
RESTRICTED TO JUNIORS AND SENIORS ONLY.  
2871005 1 TF 4:00-5:10  
MWR 1:00-5:10  
F 1:00-3:40  
MEETS: MAY 16-JULY 8  
Note: TOPIC: TRANSIENT STRUCTURES IN THE DESERT

TOPIC URBAN DESIGN DSN S 478F 2- 3 CREDITS  
Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
8283800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-JULY 29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM. STUDY ABROAD  
SUMMER 2011 OFFERED FOR 6 CREDITS  
Materials fee \$0.00-\$300.00  
Study Abroad Administrative Fee Applies

SEQUENTIAL ART DSN S 489 3 CREDITS  
Note: Available for nonmajor graduate credit  
5679005 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS  
Prereq: ADMISSION TO A GRADUATE PROGRAM IN  
THE COLLEGE OF DSGN & INSTRUCTOR PERMISSION  
Note: COURSE ONLY OFFERED FOR 6 CREDITS SUMMER 2011  
2878005 1 TF 4:00-5:10  
MWR 1:00-5:10  
F 1:00-3:40  
MEETS: MAY 16-JULY 8  
Note: TOPIC: TRANSIENT STRUCTURES IN THE DESERT

SEQUENTIAL ART DSN S 589 3 CREDITS  
5688005 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

## DIETETICS

NUTRITN:LIFE STAGES DIET 538 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
4450600 XG ARRANGED  
MEETS: JUNE 6-JULY 8  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.  
Available for nonmajor graduate credit  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

ADMIN HLTH CARE ORG DIET 573 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
5666000 XG ARRANGED ANDERSON J  
MEETS: JUNE 6-JULY 29  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.  
Tuition Category: GPIDEA Consortium  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

PROPOSAL WRITNG PRO DIET 595 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
5667600 XF ARRANGED ANDERSON J  
MEETS: MAY 16-AUG 5  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.  
Tuition Category: GPIDEA Consortium  
Section XF is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
5667605 XH ARRANGED ANDERSON J  
MEETS: MAY 16-AUG 5  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.

## DIETETICS (CONTINUED)

PROPOSAL WRITNG PRO DIET 595 3 CREDITS  
Tuition Category: GPIDEA Consortium  
Section XH is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

## ECOLOGY &amp; EVOLUTIONARY BIOLOGY

SPECIAL TOPICS EEB 590 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EEB 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ECOLOGY, EVOLUTION &amp; ORGANISMAL BIOL

CONSERVATION BIOLGY EEOB 531I 4 CREDITS  
Prereq: IA LL 312I  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
4846005 MTWRF 8:00-5:00  
MEETS: JUNE 20-JULY 15  
Note: Tuition Category: Iowa Lakeside Lab

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7105005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 13-28

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7109005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 7-22

ECOL & SYST DIATOMS EEOB 580I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
3889005 MTWRF 8:00-5:00  
MEETS: MAY 23-JUNE 17  
Note: Tuition Category: Iowa Lakeside Lab

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

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

GRAD IND STDY IA LL EEOB 590I 1- 4 CREDITS  
Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
3981005 1 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

CREATIVE COMPONENT EEOB 599 VAR. CREDITS  
2145005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH EEOB 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL EEOB 699I 1- 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
5628005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

## ECONOMICS

PRIN MICROECONOMICS ECON 101 3- 4 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
3100005 1 MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100010 2 MTWRF 11:00-12:00  
MEETS: JUNE 13-AUG 5  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
Syllabus: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100600 XV ARRANGED GUNDERSEN L  
MEETS: JUNE 13-AUG 5  
Note: Section XV is off campus  
Course delivery is WWW  
Delivery fee \$150.00

3100605 XW ARRANGED GUNDERSEN L  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

## ECONOMICS

(CONTINUED)

PRIN MACROECONOMICS ECON 102 3 CREDITS  
Prereq: 101 RECOMMENDED  
3099005 1 MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099600 XV ARRANGED GUNDERSEN L  
MEETS: JUNE 13-AUG 5  
Note: Section XV is off campus  
Course delivery is WWW  
Delivery fee \$150.00

3099605 XW ARRANGED GUNDERSEN L  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

INTERMED MICROECON ECON 301 3- 4 CREDITS  
Prereq: 101; MATH 160 OR 165  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
Available for nonmajor graduate credit  
3101005 1 MTWRF 9:50-10:50  
MEETS: JUNE 13-AUG 5  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INDEPENDENT STUDY ECON 490 1- 5 CREDITS  
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON  
Note: 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 CREDITS OF ECON 490 TOWARD GRADUATION.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CREDITS  
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.  
Note: 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  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ECON 590 1- 5 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS ECON 690 1- 5 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP ECON 693 1- 3 CREDITS  
Prereq: 6 GRADUATE CREDITS IN CHOSEN FIELD  
Satisfactory-Fail Only.  
8649005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH ECON 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL ADMINISTRATION**

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS  
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL LEADERSHIP & POLICY ST**

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS  
Prereq: 4 CREDITS OF 615  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ELECTRICAL ENGINEERING**

ELECTRIC CIRCUITS E E 201 4 CREDITS  
Prereq: CR OR REGISTRATN IN MATH 267 AND PHYS 222  
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
2120005 1 MTWRF 1:20-2:20  
MW 2:30-4:30  
MEETS: MAY 16-JULY 8  
Note: Materials fee \$60.00

## ELECTRICAL ENGINEERING

(CONTINUED)

ELECTRON CIRCTS&SYS E E 230 4 CREDITS  
Prereq: 201, MATH 267, PHYS 222  
4639005 1 MTWRF 11:00-12:00  
MW 8:00-11:00  
MEETS: MAY 16-JULY 8  
Note: Materials fee \$50.00

4639010 2 MTWRF 11:00-12:00  
TR 8:00-11:00  
MEETS: MAY 16-JULY 8  
Note: Materials fee \$50.00

COOPERATIVE EDUC E E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP E E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC E E 398 R CREDIT  
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEER CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFFCTV E E 409 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
Note: Available for nonmajor graduate credit  
5944005 A MTWRF 8:30-5:30  
MEETS: MAY 9-20  
Note: MEETS 8:30-4:30 MAY 9-13; MEETS 1-5:30 MAY 16-20

MICROELEC FABRICATN E E 432 4 CREDITS  
Prereq: PHYS 222, MATH 267. E E 332 OR MAT E 334 RECOMMENDED.  
Note: Available for nonmajor graduate credit  
9222005 1 ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: Materials fee \$300.00

INDEPENDENT STUDY E E 490 VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E E 490H VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC E E 498 R CREDIT  
Prereq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MICROEL FABRIC TCHQ E E 532 4 CREDITS  
Prereq: PHYS 222, MATH 265. EE 332 OR MAT E 331 RECOMMENDED  
8880005 1 ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: Materials fee \$300.00

SPL TOP ELECMAG THY E E 590A 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTR ENGR E E 590E 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

ENGINEERG INTERNSHP E E 697 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR AND ENGINEERING CAREER SERVICES, GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
5716005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Department permission required.

## ELECTRICAL ENGINEERING (CONTINUED)

RESEARCH E E 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ENGINEERING**

ENGR PROB & CPR LAB ENGR 160 3 CREDITS  
 Prereq: SATISFACTORY SCORES ON MATH PLACEMENT  
 EXAMS: CREDIT OR ENROLLMENT IN MATH 142, 165  
 2946005 MTWR 11:00-1:00  
 MEETS: JUNE 13-AUG 5

SUMMER INTERNSHIP ENGR 396 R CREDIT  
 Prereq: PERMISSION OF ENGR STUDENT SERVICES  
 ADVISER AND ENGINEERING CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFSSNL INTERNSHIP ENGR 397 R CREDIT  
 Prereq: PERMISSION OF ADVISER AND ENGINEERING  
 COLLEGE CLASSIFICATION OFFICER  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ENGINEERING MECHANICS**

STATICS OF ENGINEER E M 274 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 166;  
 CREDIT OR ENROLLMENT IN PHYS 111 OR 221  
 3004005 1 MTWR 8:40-9:40  
 ARRANGED  
 MEETS: MAY 16-JULY 8

MECHAN OF MATERIALS E M 324 3 CREDITS  
 Prereq: 274  
 Note: Available for nonmajor graduate credit  
 3007005 1 MTWRF 9:50-10:50  
 MEETS: MAY 16-JULY 8

MECH OF MATERLS LAB E M 327 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 324  
 Note: Available for nonmajor graduate credit  
 3008005 1 TR 11:00-1:00  
 MEETS: MAY 16-JULY 8  
 3008010 2 TR 8:40-10:40  
 MEETS: JUNE 21-AUG 4  
 Note: SECTION 2 RESTRICTED TO C E MAJORS NEW TO ISU  
 SUMMER 2011  
 3008015 3 TR 2:30-4:30  
 MEETS: JUNE 21-AUG 4  
 Note: SECTION 3 RESTRICTED TO C E MAJORS NEW TO ISU  
 SUMMER 2011

DYNAMICS E M 345 3 CREDITS  
 Prereq: 274, CR OR ENROLLMENT IN MATH 266 OR 267  
 Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY  
 Available for nonmajor graduate credit  
 3010005 1 MTWRF 8:40-9:40  
 MEETS: MAY 16-JULY 8

MECHANICS OF FLUIDS E M 378 3 CREDITS  
 Prereq: 274  
 Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY  
 Available for nonmajor graduate credit  
 3013005 1 MTWRF 7:30-8:30  
 M 1:20-3:20  
 MEETS: MAY 16-JULY 8

INDEPENDENT STUDY E M 490 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC THIN FILMS E M 590H 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CELULR MDIA E M 590I 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 590J 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP ADV EXP MTH E M 690N 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ENGINEERING MECHANICS (CONTINUED)

SP TOP ADV WAV PROP E M 6900 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV COMP MTH E M 690Q 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RELIAB&FAIL E M 690R 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CREDIT  
 Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION  
 Satisfactory-Fail Only.  
 8134005 ARRANGED  
 MEETS: MAY 16-AUG 5

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

**ENGLISH**

INTENSIVE ENGLISH ENGL 10 0 CREDITS  
 Prereq: RECOMMENDATION OF THE ENGLISH DEPT  
 Note: PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT  
 SERVICES CENTER  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS  
 Note: Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS  
 Note: Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGLISH NONNATIV II ENGL 101C 3 CREDITS  
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN  
 VARIOUS SECTIONS DETERMINED BY EXAMINATION  
 Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION  
 3295005 1 MTWR 12:10-2:10  
 MEETS: JUNE 13-JULY 14  
 3295010 2 MTWR 9:50-11:50  
 MEETS: JUNE 13-JULY 14  
 3295015 3 MTWR 9:50-11:50  
 MEETS: MAY 16-JUNE 20

ENGLISH NONNATIV II ENGL 101D 3 CREDITS  
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN  
 VARIOUS SECTIONS DETERMINED BY EXAMINATION  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.  
 ENGL 101D DOES NOT APPLY TOWARD GRADUATION.  
 3296005 1 MTWRF 8:40-9:40  
 MEETS: JUNE 13-AUG 5

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN LIB 160  
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB  
 3298005 A MTWRF 8:40-9:40  
 MEETS: JUNE 13-AUG 5  
 3298015 B MTWRF 9:50-10:50  
 MEETS: JUNE 13-AUG 5  
 3298025 C MWR 1:00-2:20  
 T 1:00-2:20  
 MEETS: JUNE 13-AUG 5  
 Note: SECTION C FOR APEX PROGRAM STUDENTS ONLY.  
 MEETS TUESDAY IN ROSS HALL COMPUTER ROOM.

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 Prereq: 150 OR EXEMPTION FROM 150; CREDIT FOR OR  
 CONCURRENT ENROLLMENT IN LIB 160  
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB  
 3299005 A MTWRF 9:50-10:50  
 MEETS: MAY 16-JULY 8  
 3299010 B MTWRF 9:50-10:50  
 MEETS: JUNE 13-AUG 5  
 3299015 C MTWRF 11:00-12:00  
 MEETS: JUNE 13-AUG 5

## ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS  
Prereq: 250, JUNIOR CLASSIFICATION  
Note: COURSE NOT OPEN TO FRESHMEN AND SOPHOMORES.  
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB.

3314005 1 MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8

3314010 2 MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8

3314015 3 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

3314020 4 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

3314025 5 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

3314030 6 MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8

3314035 7 MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8

3314040 8 MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8

3314045 9 MTWRF 12:10-1:10  
MEETS: MAY 16-JULY 8

3314600 XV ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: FOR PERMISSION TO REGISTER SEND YOUR REQUEST TO  
JESLYN@IASTATE.EDU  
Department permission required.  
Section XV is off campus  
Course delivery is WWW  
Delivery fee \$150.00

3314605 XW ARRANGED  
MEETS: MAY 16-JULY 8  
Note: FOR PERMISSION TO REGISTER SEND YOUR REQUEST TO  
JESLYN@IASTATE.EDU  
Department permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

3314050 10 MTWRF 1:20-2:20  
MEETS: MAY 16-JULY 8

3314055 11 MTWRF 8:40-9:40  
MEETS: JUNE 13-AUG 5

3314060 12 MTWRF 9:50-10:50  
MEETS: JUNE 13-AUG 5

3314065 13 MTWRF 11:00-12:00  
MEETS: JUNE 13-AUG 5

3314006 14 MTWRF 12:10-1:10  
MEETS: JUNE 13-AUG 5

CREAT WRITING NON-F ENGL 305 3 CREDITS  
Prereq: 250, NOT OPEN TO FRESHMEN  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE

3317005 A MTWRF 9:50-10:50  
MEETS: JUNE 13-AUG 5

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS  
Prereq: 250, JUNIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB.

3356005 1 MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8

3356010 2 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

3356015 3 MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8

3356020 4 MTWRF 12:10-1:10  
MEETS: MAY 16-JULY 8

3356025 5 MTWRF 1:20-2:20  
MEETS: MAY 16-JULY 8

3356030 6 MTWRF 9:50-10:50  
MEETS: JUNE 13-AUG 5

3356035 7 MTWRF 11:00-12:00  
MEETS: JUNE 13-AUG 5

3356040 8 TR 6:00-8:30PM  
MEETS: JUNE 13-AUG 5

3356600 XV ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: FOR PERMISSION TO REGISTER SEND YOUR REQUEST TO  
JESLYN@IASTATE.EDU  
Department permission required.  
Section XV is off campus  
Course delivery is WWW  
Delivery fee \$150.00

3356605 XW ARRANGED  
MEETS: MAY 16-JULY 8  
Note: FOR PERMISSION TO REGISTER SEND YOUR REQUEST TO  
JESLYN@IASTATE.EDU  
Department permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

STUDIES IN FILM ENGL 335 3 CREDITS  
Prereq: 250  
Note: Available for nonmajor graduate credit

3322005 A MW 1:20-5:00  
MEETS: MAY 16-JUNE 24  
Note: SECTION A TOPIC: ROMANTIC COMEDY  
Materials fee \$15.00

## ENGLISH

(CONTINUED)

WOMEN'S LITERATURE ENGL 340 3 CREDITS  
Prereq: 250  
Note: Meets U.S. diversity reqmt  
Available for nonmajor graduate credit

3323005 A MTWRF 11:00-12:20  
MEETS: MAY 16-JUNE 24

STU 19TH C AMER LIT ENGL 362 3 CREDITS  
Prereq: 250; SOPHOMORE CLASSIFICATION

3336005 A MTWRF 8:40-10:00  
MEETS: MAY 16-JUNE 24

STDY&TRAVL CRTV WRI ENGL 395B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt

5085800 IE ARRANGED PETT S  
MEETS: MAY 12-JUNE 4  
Note: SEC IE IRELAND: DUBLIN, SLIGO, DOOLIN, DINGLE.  
'ON THE ROAD IN IRELAND: A TRAVELING WRITER'S  
WORKSHOP' STUDY ABROAD SUMMER 2011  
Study Abroad Administrative Fee Applies

CR WRIT WKSHP NON-F ENGL 405 3 CREDITS  
Prereq: 305

3354005 A MTWRF 9:50-10:50  
MEETS: JUNE 13-AUG 5

INTERN BUS,PRO COMM ENGL 487 R CREDIT  
Prereq: SENIOR CLASSIF; PERMISSN OF COORDINATOR;  
9 CR IN 302,309,313,314,415 (PREFERRED),416, OR 477  
Note: Department permission required.

9099005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STDY LITERATURE ENGL 490A VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RHETORIC ENGL 490C VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CRITICI LIT ENGL 490D VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY READING ENGL 490E VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CREATV WRIT ENGL 490F VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS/TCH CMM ENGL 490G VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ENGLISH

(CONTINUED)

INDEP STUDY HONORS ENGL 490H VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JUNIOR CLASSIFICATION,  
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM  
STUDENTS ONLY.  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TCHG BUS&TECHN COMM ENGL 504 3 CREDITS  
Prereq: 302, 309, OR 314  
3388005 A ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

ADV WKSHP ACAD WRIT ENGL 508 3 CREDITS  
Prereq: 6 GRADUATE CREDITS  
5107005 A TR 1:20-3:50  
MEETS: MAY 16-JULY 8

INTR LINGUIST ANALY ENGL 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
3395600 XW ARRANGED LEVIS J  
MEETS: MAY 17-JULY 9  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$225.00

LANGU ASSESS PRACTM ENGL 513 3 CREDITS  
Prereq: 519  
8728005 A ARRANGED  
MEETS: MAY 16-AUG 5

SOCIOLINGUISTICS ENGL 514 3 CREDITS  
Prereq: 511 OR AN INTRODUCTORY LINGUISTICS COURSE  
3397010 A TR 1:20-4:50  
MEETS: JUNE 13-JULY 22

TOPICS STUDY OF LIT ENGL 531 3 CREDITS  
Prereq: 6 CREDITS IN LITERATURE  
4109005 A TR 6:00-8:30PM  
MEETS: JUNE 13-AUG 5  
Note: SECTION A TOPIC - THE HAUNTED WILDERNESS:  
AMERICAN GOTHIC FICTION AND THE ENVIRONMENT

WKSHP WRIT LONG PRJ ENGL 553 3 CREDITS  
Prereq: 550, GRAD CLASSIFICATION. OPEN TO GRAD  
STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR  
PERMISSION.  
2965005 A TR 2:30-5:10  
MEETS: JUNE 13-AUG 5

ENVIRON FIELD EXPR ENGL 560 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
8229005 A ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

INTERN BUS,PRO COMM ENGL 587 1- 3 CREDITS  
Prereq: 507 PLUS 3 ADDITIONAL GRAD CR IN BUSINESS  
& TECHNICAL WRITING OR COMPOSITION & RHETORIC, INSTR  
PERMISSION. LIMITED TO MASTER'S AND DOCTORAL DEGREE  
CANDIDATES IN THE ENGL DEPT  
Note: Instructor permission required.  
3425005 ARRANGED  
MEETS: MAY 16-AUG 5

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS  
Prereq: 15 CREDITS TOWARDS TESL/APPLIED  
LINGUISTICS MASTER'S DEGREE  
3426005 A ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Professional support, field trips &/or  
travel fee \$20.50-\$61.50

SPL TOP LITERATURE ENGL 590A VAR. CREDITS  
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. CREDITS  
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. CREDITS  
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. CREDITS  
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE  
ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ENGLISH

(CONTINUED)

SPL TOP CREATV WRIT ENGL 590F VAR. CREDITS  
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. CREDITS  
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE  
ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENGL 599 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
MAJOR PROFESSOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS  
Prereq: 510, 626, OR EQUIV; 2ND YR PH.D. STUDENT  
7633005 A ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH ENGL 699 VAR. CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
MAJOR PROFESSOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CREDIT  
5197005 W ARRANGED  
MEETS: MAY 16-JUNE 17  
Note: Course delivery is WWW  
Section info: <http://www.ent.iastate.edu/dept/courses/>

IND STU RESRCH/WORK ENT 490E 1- 3 CREDITS  
Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB TEACHG ENT 490U 1- 3 CREDITS  
Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

SPL TOP TCHNG EXPR ENT 590K 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SEMINAR ENT 600 1 CREDIT  
5345005 A M 3:40-4:50  
MEETS: MAY 16-AUG 5  
Section info: <http://www.ent.iastate.edu/dept/courses/>

RESEARCH ENT 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



**ENVIRONMENTAL SCIENCE**

APPRENTICESHIP ENSCI 290 VAR. CREDITS  
Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR  
Note: Permission of coordinator required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY ENSCI 312 4 CREDITS  
Prereq: BIOL 211L AND 212L  
4996005 A MTWR 9:50-11:05  
MW 1:20-4:20  
MEETS: MAY 16-JULY 8  
Note: Materials, field trips &/or travel fee \$62.00  
4996010 B MTWR 9:50-11:05  
TR 12:10-3:00  
MEETS: MAY 16-JULY 8  
Note: Materials, field trips &/or travel fee \$62.00  
4996015 C MTWR 9:50-11:05  
TR 3:10-6:00PM  
MEETS: MAY 16-JULY 8  
Note: Materials, field trips &/or travel fee \$62.00

ECOLOGY ENSCI 312I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
5038005 MTWRF 8:00-5:00  
MEETS: MAY 23-JUNE 17  
Note: Tuition Category: Iowa Lakeside Lab

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS  
Prereq: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WTRSHED HYDROL&SURF ENSCI 402I 4 CREDITS  
Prereq: FOUR COURSES IN PHYSICS OR BIOLOGICAL  
SCIENCES OR ENGINEERING  
Note: Available for nonmajor graduate credit  
Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
1928005 MTWRF 8:00-12:00  
MEETS: MAY 23-JULY 15  
Note: Tuition Category: Iowa Lakeside Lab

FLD METHD HYDROGEOL ENSCI 409 2 CREDITS  
Prereq: 402 OR 411 OR C E 473  
3081005 MTWRF 8:00-5:00  
MEETS: MAY 9-20  
Note: Equipment use and field trips & travel  
fee \$100.00-\$300.00

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

AQUATIC ECOLOGY ENSCI 508I 4 CREDITS  
Prereq: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
5043005 MTWRF 8:00-5:00  
MEETS: MAY 23-JUNE 17  
Note: Tuition Category: Iowa Lakeside Lab

FLD METHD HYDROGEOL ENSCI 509 2 CREDITS  
Prereq: GEOL 411 OR C E 473  
3095005 MTWRF 8:00-5:00  
MEETS: MAY 9-20  
Note: Equipment use and field trips & travel  
fee \$100.00-\$300.00

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

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

RESEARCH ENSCI 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ENVIRONMENTAL STUDIES**

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS  
2022005 A ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Course delivery is WWW  
Section info: http://project.bio.iastate.edu  
syllabus: http://project.bio.iastate.edu  
2022600 XW ARRANGED PLEASANTS J  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Section info: http://lasonline.iastate.edu/biol\_173

**ENVIRONMENTAL STUDIES**

(CONTINUED)

WORLD FOOD ISSUES ENV S 342 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
Available for nonmajor graduate credit  
1733600 XW ARRANGED FORD C  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Cmptr reqmt: http://www.agde.iastate.edu/support  
/comp.reqs.php

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS  
Prereq: APPROVAL OF THE ENV S COORDINATOR  
Note: Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POLIT COASTAL AREAS ENV S 442 3 CREDITS  
8495600 XW ARRANGED SCHMIDT S  
MEETS: MAY 16-JUNE 10  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

U.S. ENVIRMNTL HIST ENV S 472 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: Available for nonmajor graduate credit  
9549005 MTWRF 9:50-11:50  
MEETS: JUNE 13-JULY 8

INDEPENDENT STUDY ENV S 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF  
ENV S COORDINATOR  
Note: Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**FAMILY&CONSUMER SCIENCES ED&STUDIES**

SUPV EXP ED SERVICE FCEDS 418A 3- 8 CREDITS  
Prereq: 415, 24 CR IN FAMILY & CONSUMER SCI  
Note: RESERVATION REQUIRED. CONTACT DEPARTMENT.  
2313005 1 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

SUPV EXP FCS STUDIE FCEDS 418B 3- 8 CREDITS  
Prereq: 415, 24 CR IN FAMILY & CONSUMER SCI  
Note: RESERVATION REQUIRED. CONTACT DEPARTMENT.  
2359005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

INDEP STUDY GENERAL FCEDS 490G VAR. CREDITS  
Prereq: DEPARTMENTAL APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SHRT CRSE OCCUPA ED FCEDS 500F 1- 3 CREDITS  
Prereq: 6 CREDITS IN FCS OR EDUCATION  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
4007005 1 MTWRF 8:00-4:00  
ARRANGED  
MEETS: JULY 18-22

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

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

RESEARCH FCEDS 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**FAMILY FINANCIAL PLANNING**

FUND FAMILY FINANCI FFP 530 3 CREDITS  
8202600 XG ARRANGED  
MEETS: MAY 31-JULY 22  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.  
Instructor permission required.  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

FINAN PLN CASE STUD FFP 595 3 CREDITS  
Prereq: 530, 540, 545, 555, 565, 583  
8218600 XG ARRANGED  
MEETS: JUNE 6-JULY 29  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.  
Tuition Category: GPIDEA Consortium  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

## FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS  
Prereq: ACCT 284, ECON 101, STAT 226  
Note: COURSE NOT OPEN TO P BUS MAJORS  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
3689005 A1 MTWRF 12:10-2:10  
MEETS: MAY 16-JUNE 10  
Note: SECTION A1 RESTRICTED TO ACCT, AG B, AN S, BUS S,  
BUS U, BUSEC, DY S, FIN, LSCM, MGMT, MIS, MKT, OSMC,  
SCM MAJORS. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN  
SCM 301X IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.  
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370 AND  
MKT 340.

3689010 A2 MTWRF 12:10-2:10  
MEETS: MAY 16-JUNE 10  
Note: SECTION A2 FOR MAJORS OTHER THAN ACCT, AG B,  
AN S, BUS S, BUS U, BUSAD, BUSEC, DY S, FIN, I BUS,  
I R, LOMIS, LSCM, MGMT, MIS, MKT, OSMC, P BUS, SCIS,  
SCM

CORPORATE FINANCE FIN 310 3 CREDITS  
Prereq: 301  
Note: COURSE NOT OPEN TO P BUS MAJORS  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
3691005 A MTWRF 9:50-11:50  
MEETS: JUNE 13-JULY 8

INVESTMENTS FIN 320 3 CREDITS  
Prereq: 301  
Note: COURSE RESTRICTED TO ACCT, AG B, BUS S, BUS U,  
BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSMC, SCM MAJORS.  
NOT OPEN TO P BUS MAJORS.  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
3692005 A MTWRF 7:30-9:30  
MEETS: JUNE 13-JULY 8

FINAN MKTS&INSTITUT FIN 330 3 CREDITS  
Prereq: 301  
Note: COURSE RESTRICTED TO FIN MAJORS ONLY  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
6829005 A MTWRF 9:50-11:50  
MEETS: JULY 11-AUG 5

REAL ESTATE PRINCIP FIN 371 3 CREDITS  
Prereq: ECON 101  
Note: COURSE RESTRICTED TO FIN MAJORS ONLY  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
3690005 A MTWRF 9:50-11:50  
MEETS: MAY 16-JUNE 10

INDEPENDENT STUDY FIN 490 1- 3 CREDITS  
Prereq: 301, STAT 326, PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT  
SERVICES CENTER  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1- 3 CREDITS  
Prereq: 330,445; STAT 326; GPA 2.5; PERMISSION OF  
INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
9403005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: College permission required to add during  
1st week. Go to 1200 Gerdin.

INSURANCE INTERNSHP FIN 499B 1- 3 CREDITS  
Prereq: 361; STAT 326; GPA 2.5; PERMISSION OF  
INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
9555005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: College permission required to add during  
1st week. Go to 1200 Gerdin.

INTERNS REAL ESTATE FIN 499C 1- 3 CREDITS  
Prereq: 301 PLUS 3 ADDITIONAL CREDITS IN FINANCE;  
STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
3098005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: College permission required to add during  
1st week. Go to 1200 Gerdin.

INTERNSHIP INVESTMT FIN 499D 1- 3 CREDITS  
Prereq: 320, STAT 326, GPA 2.5, PERMISSION OF  
INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
6516005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required 1st week.

## FINANCE

(CONTINUED)

SPECIAL TOPICS FIN 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**FOOD SCIENCE & HUMAN NUTRITION**

FOOD & THE CONSUMER FS HN 101 3 CREDITS  
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR  
3 CREDITS EACH OF BIOLOGY AND CHEMISTRY  
3659600 XW ARRANGED WILSON L  
MEETS: MAY 16-AUG 5  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS  
Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY  
3600600 XW ARRANGED BURNLEY E  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$100.00

WORLD FOOD ISSUES FS HN 342 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
Available for nonmajor graduate credit  
1923600 XW ARRANGED FORD C  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

FOOD LAWS&REGL PROC FS HN 403 2 CREDITS  
Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT  
200 LEVEL OR ABOVE  
Note: Available for nonmajor graduate credit  
3679600 XF ARRANGED MACDONALD J  
MEETS: MAY 16-JUNE 24  
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
AT 515-294-7656/LYOUNG@IASTATE.EDU.  
Available for nonmajor graduate credit  
Section XF is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

3679605 XH ARRANGED MACDONALD J  
MEETS: MAY 16-JUNE 24  
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
AT 515-294-7656/LYOUNG@IASTATE.EDU.  
Tuition Category: GPIDEA Consortium  
Section XH is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

3679610 XW ARRANGED MACDONALD J  
MEETS: MAY 16-JUNE 24  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

DIETETICS MANAGEMNT FS HN 441 5 CREDITS  
Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC  
INTERNSHIP PROGRAM  
Satisfactory-Fail Only.  
4314600 XW ARRANGED ANDERSON J  
MEETS: MAY 2-AUG 12  
Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER  
AT 515-294-7316/JANDERSO@IASTATE.EDU.  
Instructor permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$300.00

MEDICAL DIETETICS I FS HN 442 8 CREDITS  
Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC  
INTERNSHIP PROGRAM  
Satisfactory-Fail Only.  
4316600 XW ARRANGED ANDERSON J  
MEETS: MAY 2-AUG 12  
Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER  
AT 515-294-7316/JANDERSO@IASTATE.EDU.  
Instructor permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$450.00

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

MEDICAL DIETETCS II FS HN 443 3 CREDITS  
Prereq: CONCURRENT ENROLLMNT IN 442. FOR STUDENTS  
ENROLLED IN THE DIETETIC INTERNSHIP PROGRAM.  
Satisfactory-Fail Only.  
4594600 XW ARRANGED ANDERSON J  
MEETS: MAY 2-AUG 12  
Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER  
AT 515-294-7316/JANDERSO@IASTATE.EDU.  
Instructor permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$200.00

EXPER COMMUNITY DIET FS HN 445 5 CREDITS  
Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC  
INTERNSHIP PROGRAM  
Satisfactory-Fail Only.  
4331600 XW ARRANGED ANDERSON J  
MEETS: MAY 2-AUG 12  
Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER  
AT 515-294-7316/JANDERSO@IASTATE.EDU.  
Instructor permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$300.00

DIETETICS EXPERIENC FS HN 446 2 CREDITS  
Prereq: FOR STUDENTS ENROLLED IN DIETETIC INTERN  
Satisfactory-Fail Only.  
6633600 XW ARRANGED ANDERSON J  
MEETS: MAY 2-AUG 12  
Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER  
AT 515-294-7316/JANDERSO@IASTATE.EDU.  
Instructor permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

PROF DEVEL ASSESSMT FS HN 448 1 CREDIT  
Prereq: CONCURRENT ENROLLMNT DIETETIC INTERNSHIP  
Satisfactory-Fail Only.  
6885600 XW ARRANGED ANDERSON J  
MEETS: MAY 2-AUG 12  
Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER  
AT 515-294-7316/JANDERSO@IASTATE.EDU.  
Instructor permission required.  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$100.00

IND STUDY DIETETICS FS HN 490A 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: 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 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: 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 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: 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 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM  
Note: 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- 4 CREDITS  
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C,D MAY BE  
APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CREDITS  
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C,D MAY BE  
APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

SUPR WORK NUTRITION FS HN 491C 1- 4 CREDITS  
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C,D MAY BE  
APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK CULINARY FS HN 491D 1- 4 CREDITS  
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C,D MAY BE  
APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SERV LEARN HUM NUTR FS HN 494X 1 CREDIT  
Prereq: 360. PERMISSION OF INSTRUCTOR REQUIRED  
WHEN TAKING COURSE A SECOND TIME.  
Satisfactory-Fail Only.  
9028005 ARRANGED  
MEETS: MAY 16-JULY 8

TRAVEL - DOMESTIC FS HN 496B 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2011  
6296005 ARRANGED  
MEETS: MAY 14-22  
Note: WINES OF CALIFORNIA. MUST BE 21 YEARS OF AGE.

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS  
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
STUDENT PROPOSES TO WORK  
Note: 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 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7123005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 13-28

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7124005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 7-22

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1- 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - DOMESTIC FS HN 596B 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2011  
6308005 ARRANGED  
MEETS: MAY 14-22  
Note: WINES OF CALIFORNIA. MUST BE 21 YEARS OF AGE.

CREATIVE COMPONENT FS HN 599 VAR. CREDITS  
3213005 1 ARRANGED  
MEETS: MAY 16-AUG 5

SEMINAR FS HN 681 1 CREDIT  
3648005 ARRANGED  
MEETS: MAY 16-AUG 5

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS  
Prereq: 502 OR 503 OR 504 OR 553 OR 554  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## FORESTRY

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7928005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7929005 ARRANGED  
MEETS: MAY 16-AUG 5

## FORESTRY

(CONTINUED)

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7930005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7931005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7932005 ARRANGED  
MEETS: MAY 16-AUG 5

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMETRY FOR 599B 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADM FOR 599D 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO WOOD SCI FOR 599E 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RSRCH FOR 699B 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RSRCH FOR 699E 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## FRENCH

ELEMENTARY FRENCH I FRNCH 101 4 CREDITS  
3803005 1 MTWRF 8:40-11:40  
MEETS: MAY 16-JUNE 10  
Note: Materials and equipment use fee \$25.00

ELEMENTARY FRENCH II FRNCH 102 4 CREDITS  
Prereq: 101  
3804005 Note: Meets international perspectives reqmt  
1 MTWRF 8:40-11:40  
MEETS: JUNE 13-JULY 8  
Note: Materials and equipment use fee \$25.00

STUDY ABROAD FRNCH 395 1-10 CREDITS  
Prereq: 2 YEARS UNIVERSITY-LEVEL FRENCH  
Note: Meets international perspectives reqmt  
3820005 RG ARRANGED  
Department permission required.  
MEETS: MAY 22-JULY 2  
Note: SECTION RG IS REGENTS EXCHANGE PROGRAM IN LYON  
Tuition Category: Regents Summer Study Abroad

INDEPENDENT STUDY FRNCH 490 1- 6 CREDITS  
Prereq: PERMISSION OF FRENCH STAFF AND DEPT CHAIR  
Note: NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE  
APPLIED TOWARD GRADUATION  
Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GENETICS

PRINCIP OF GENETICS GEN 313 3 CREDITS  
Prereq: BIOL 211L & 212L, CREDIT OR ENROLLMENT  
IN ORGANIC CHEMISTRY  
Note: 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  
MEETS: MAY 16-JULY 8

## GENETICS

(CONTINUED)

GENETICS LABORATORY GEN 313L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 313  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301  
AND 313L/301L, GEN/AGRON 320  
9560005 1 MTWRF 9:50-10:50  
MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$200.00

9560010 2 MTWRF 9:50-10:50  
MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$200.00

HUMAN GENETICS GEN 340 3 CREDITS  
Prereq: GEN/BIOL 313  
3794600 XW ARRANGED GIRTON J  
MEETS: JUNE 13-AUG 5  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

GENETICS RESEARCH GEN 490R 1- 5 CREDITS  
Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: 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 CREDITS  
Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: 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.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GENETICS - INTERDISCIPLINARY**

SPECIAL TOPICS GENET 590 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS  
9316005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH GENET 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GENETICS, DEVELOPMENT &amp; CELL BIOL

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7089005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 13-28

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7092005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 7-22

SPECIAL TOPICS GDCB 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2011  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GDCB 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL GDCB 699I 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3967005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

## GEOLOGY

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS  
7596600 XW ARRANGED HILL B  
MEETS: JUNE 13-AUG 5  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

## GEOLOGY

(CONTINUED)

GEOLOGIC DISASTERS GEOL 111X 1 CREDIT  
3055600 XV ARRANGED HILL B  
MEETS: JULY 11-AUG 5  
Note: Section XV is off campus  
Course delivery is WWW  
Delivery fee \$50.00  
3055605 XW ARRANGED HILL B  
MEETS: JUNE 13-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$50.00

INDEPENDENT STUDY GEOL 290 2- 4 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SUMMER FIELD STUDY GEOL 302 6 CREDITS  
Prereq: 102, 356, 368  
Note: Available for nonmajor graduate credit  
3881005 1 ARRANGED  
MEETS: MAY 21-JULY 1  
Note: Field trips & travel fee \$1,175.00-\$1,875.00  
Tuition Category: Camp fee  
3881600 XA MTWRF 8:00-5:00 DAWSON J  
MEETS: MAY 21-JULY 1  
Note: FOR PERMISSION TO REGISTER CONTACT DEANN FRISK AT  
DFRISK@IASTATE.EDU OR 515-294-4477.  
Department permission required.  
Section XA is off campus  
Course delivery is On-site instruction  
Taught at, in or by SHELL,WYOMING

FLD METHD HYDROGEOL GEOL 409 2 CREDITS  
Prereq: 401 OR 411 OR C E 473  
7671005 MTWRF 8:00-5:00  
MEETS: MAY 9-20  
Note: Equipment use and field trips & travel  
fee \$100.00-\$300.00

INDEPENDENT STUDY GEOL 490 1- 4 CREDITS  
Prereq: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD METHD HYDROGEOL GEOL 509 2 CREDITS  
Prereq: 411 OR C E 473  
9169005 MTWRF 8:00-5:00  
MEETS: MAY 9-20  
Note: Equipment use and field trips & travel  
fee \$100.00-\$300.00

SPL TOP SURFIC PROC GEOL 590A 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLOGY GEOL 590D 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIN RESOURC GEOL 590J 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

## GEOLOGY

(CONTINUED)

SPCL TOP MINERALOGY GEOL 590L 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GCHEM GEOL 590O 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCEANOGRPHY GEOL 590S 1- 3 CREDITS  
\*\*\*\*\* Prereq: PERMISSION OF INSTRUCTOR  
SEE DEPT FOR REFERENCE NUMBERS

RES SURFICIAL PROC GEOL 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL 699D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PETROLOGY GEOL 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES STRUCTURAL GEOL GEOL 699F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL 699H VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL 699J VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GERMAN

STUDY ABROAD GER 395 1-10 CREDITS  
Prereq: 2 YEARS UNIVERSITY-LEVEL GERMAN  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.  
PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES  
CENTER.  
Meets international perspectives reqmt  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GERONTOLOGY

AGING & THE FAMILY GERON 377 3 CREDITS  
Prereq: HD FS 102  
Note: Meets U.S. diversity reqmt  
7865005 MTWR 11:00-12:15 DAUGHERTY K  
MEETS: JUNE 13-AUG 5

## GERONTOLOGY (CONTINUED)

GERONTL PREPRAC SEM GERON 466 1 CREDIT  
Prereq: 9 CR IN CORE COURSES FOR THE GERON  
MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR  
7869005 ARRANGED  
MEETS: MAY 16-JULY 8

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS  
Prereq: 466, ADVANCE RESERVATION  
Satisfactory-Fail Only.  
7870005 ARRANGED  
MEETS: MAY 16-AUG 5

SPECIAL TOPICS GERON 590 VAR. CREDITS  
3059005 ARRANGED  
MEETS: MAY 16-AUG 5

PRO SEM GERONTOLOGY GERON 594 3 CREDITS  
8326600 XF ARRANGED MARTIN P  
MEETS: MAY 16-JULY 11  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.  
Meets U.S. diversity reqmt  
Section XF is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
8326605 XH ARRANGED MARTIN P  
MEETS: MAY 16-JULY 11  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.  
Tuition Category: GPIDEA Consortium  
Section XH is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
8326610 XW ARRANGED MARTIN P  
MEETS: MAY 16-JULY 11  
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
515-294-5397/KSMIDT@IASTATE.EDU.  
Tuition Category: GPIDEA Consortium  
Section XW is off campus  
Course delivery is WWW  
Delivery fee \$50.00

## GLOBAL RESOURCE SYSTEMS

APPRENTICESHIP GLOBE 221 R CREDIT  
Satisfactory-Fail Only.  
6652005 ARRANGED  
MEETS: MAY 16-AUG 5

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
8851005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS  
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;  
INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL  
RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND 322  
MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
8676005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

INTERNSHIP - U.S. GLOBE 322 3- 6 CREDITS  
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;  
INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL  
RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND 322  
MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
8684005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

INDEP STUDY:GENERAL GLOBE 490A VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
9631005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STDY ENTREPRENR GLOBE 490E 1- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE  
APPLIED TOWARD GRADUATION  
8687005 ARRANGED  
MEETS: MAY 16-AUG 5

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE  
APPLIED TOWARD GRADUATION  
6817005 ARRANGED  
MEETS: MAY 16-AUG 5

## GLOBAL RESOURCE SYSTEMS (CONTINUED)

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
9512800 UG ARRANGED NONNECKE G  
MEETS: JUNE 6-JULY 8  
Note: SEC UG TAUGHT IN UGANDA, KAMULI DISTRICT &  
KAMPALA. CREATING A SCHOOL GARDEN: SERVICE  
LEARNING IN UGANDA STUDY ABROAD SUMMER 2011  
Study Abroad Administrative Fee Applies

GLBL RSRC STU ABROD GLOBE 496 2- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8846800 CN ARRANGED SCHULTZ R  
MEETS: MAY 11-30  
Note: SEC CN TAUGHT IN CHINA. THE OTHER CHINA:  
UNDERSTANDING THE CHALLENGES OF RURAL CHINA.  
STUDY ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies  
8846805 KP ARRANGED SCHULTZ T  
MEETS: MAY 9-22  
Note: SEC KP TAUGHT IN SOUTH KOREA. NATURAL  
RESOURCES, AGRICULTURE, CULTURE & DEVELOPMENT  
IN SOUTH KOREA. STUDY ABROAD EXPERIENCE OFFERED  
FOR 3 CREDITS SUMMER 2011  
Study Abroad Administrative Fee Applies

DEANS GLOBL AG PROG GLOBE 497 1- 4 CREDITS  
8985800 IT ARRANGED COLLETTI J  
MEETS: MAY 10-JUNE 3  
Note: SECT IT TAUGHT IN ROME, ITALY. DEAN'S GLOBAL &  
AGRICULTURE LEADERSHIP PROGRAM: ROME. STUDY ABROAD  
SUMMER 2011 OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies

## GRADUATE STUDIES

PREP FAC TCHG PRACT GR ST 587 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, 585, CR FOR OR  
CONCURRENT ENROLLMENT IN 586  
7679005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, 585, CREDIT FOR  
OR CONCURRENT ENROLLMENT IN 586  
8341005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT  
3972005 ARRANGED  
MEETS: MAY 16-AUG 5

REQUIRED ENROLLMENT GR ST 601 R CREDIT  
4482005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: College permission required.

PRACTICAL TRAINING GR ST 697 R CREDIT  
6905005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE  
OBTAINED IN 1137 PEARSON HALL,  
College permission required.

## HEALTH STUDIES

1ST AID & EMERG CARE H S 105 2 CREDITS  
4081005 1 MTWRF 7:30-9:40  
MEETS: MAY 16-JUNE 10  
Note: Materials and equipment use fee \$35.00  
4081010 2 MTWRF 11:00-1:00  
MEETS: JULY 11-AUG 5  
Note: Materials and equipment use fee \$35.00

PERS & CONSUMER HLTH H S 110 3 CREDITS  
4082005 1 MTWRF 8:40-10:50  
MEETS: MAY 16-JUNE 10

FIELD EXPERIENCE H S 485 1-16 CREDITS  
Prereq: ALL REQUIRED H S COURSES, PERMISSION OF  
COORDINATOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
4095005 ARRANGED  
MEETS: MAY 16-AUG 5

INDEPENDENT STUDY H S 490 1- 3 CREDITS  
Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HIGHER EDUCATION**

STUDENTS AMER HG ED HG ED 578 3 CREDITS  
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM  
7348005 TWR 8:40-4:40  
MEETS: MAY 10-19

SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS  
Prereq: 9 CREDITS GRADUATE WORK  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HG ED 599 VAR. CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM CURRENT ISSUES HG ED 615C 1- 4 CREDITS  
4140005 1 MT 8:40-4:40  
MEETS: MAY 9-10  
Note: SEC. 1 OFFERED FOR 1 CREDIT. TOPIC: LEARNING  
COMMUNITIES IN HIGHER EDUC.  
Tuition Category: Workshop

SEM INT'L HIGHER ED HG ED 615D 1- 4 CREDITS  
4141800 ID ARRANGED HAGEDORN L  
MEETS: JUNE 6-21  
Note: SEC ID TAUGHT IN INDONESIA; JAKARTA. STUDY  
ABROAD IN INDONESIA SUMMER 2011 OFFERED FOR 3 CR.  
Study Abroad Administrative Fee Applies

ACAD ISSUES&CULTURS HG ED 666 3 CREDITS  
Prereq: 504  
7319005 MTWRF 7:30-12:00  
MEETS: MAY 9-13,23-27

ADV SPECIAL TOPICS HG ED 690 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HG ED 699 VAR. CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HISTORICAL, PHILOSOPHICAL & COMP ED**

STUDI FOUND AMER ED H P C 504 3 CREDITS  
Prereq: ADMISSION TO GRADUATE LICENSURE PROGRAM  
IN TEACHER EDUCATION OR PERMISSION OF INSTRUCTOR  
2604010 1 MTWR 9:50-12:30  
MEETS: JULY 5-28

SPCL TOP HIST OF ED H P C 590A 1- 5 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED H P C 590B 1- 5 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPC COMPAR ED H P C 590C 1- 5 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT H P C 599 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HISTORICAL, PHILOSOPHICAL & COMP ED (CONTINUED)**

ADV SPECIAL TOPICS H P C 690 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH H P C 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HISTORY**

INTRO WESTERN CIV I HIST 201 3 CREDITS  
Note: Meets international perspectives reqmt  
4150005 MTWRF 12:10-2:10  
MEETS: MAY 16-JUNE 10

INTR WESTERN CIV II HIST 202 3 CREDITS  
Note: Meets international perspectives reqmt  
4151005 MTWRF 12:10-2:10  
MEETS: JUNE 13-JULY 8

INTR LATIN AMERICAN HIST 245 3 CREDITS  
Note: Meets international perspectives reqmt  
8323005 MTWRF 9:50-11:50  
MEETS: MAY 16-JUNE 10

ENGLAND 1525-1700 HIST 325 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
4169005 MTWRF 9:50-11:50  
MEETS: JULY 11-AUG 5

ROMAN CIVILIZATION HIST 403 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
Available for nonmajor graduate credit  
4193005 MTWRF 12:10-2:10  
MEETS: JULY 11-AUG 5

U.S. ENVIRMTNL HIST HIST 472 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
Available for nonmajor graduate credit  
9189005 MTWRF 9:50-11:50  
MEETS: JUNE 13-JULY 8

CIV RIGHTS&BLK POWR HIST 473 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
6813005 MTWRF 9:50-11:50  
MEETS: JULY 11-AUG 5

INDEPENDENT STUDY HIST 490 1- 3 CREDITS  
Prereq: 9 CREDITS IN HISTORY; PERMISSION OF  
DEPARTMENT CHAIR  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS HIST 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HIST 699 1- 6 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HORTICULTURE**

TOPICS IN TURFGRASS HORT 193C VAR. CREDITS  
Note: A MAXIMUM OF 6 CREDITS OF HORT 193 MAY BE  
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
6693600 XW ARRANGED BOUSSELOT J  
MEETS: JUNE 13-AUG 5  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$100.00  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

HORT MGT EXPERIENCE HORT 391 1 CREDIT  
Prereq: 221, PERMISSION OF INSTRUCTOR  
Note: 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 CREDIT  
Satisfactory-Fail Only.  
3652005 ARRANGED  
MEETS: MAY 16-AUG 5

## HORTICULTURE

(CONTINUED)

IND ST GREENHS CROP HORT 490A VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS  
Prereq: JR OR SR CLASSIFICATN 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  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED  
TO UNIVERSITY HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

HORTICULTR WORKSHOP HORT 493 VAR. CREDITS  
7617005 Note: Available for nonmajor graduate credit  
ARRANGED  
MEETS: MAY 16-AUG 5

SERVICE LEARN INT'L HORT 494A VAR. CREDITS  
9516800 UG ARRANGED NONNECKE G  
MEETS: JUNE 6-JULY 8  
Note: SEC UG TAUGHT IN UGANDA, KAMULI DISTRICT &  
KAMPALA. CREATING A SCHOOL GARDEN: SERVICE  
LEARNING IN UGANDA STUDY ABROAD SUMMER 2011  
Study Abroad Administrative Fee Applies

HORTI TRAVEL COURSE HORT 496 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
2433800 Note: Meets international perspectives reqmt  
IE ARRANGED HAYNES C  
MEETS: MAY 8-21  
Note: SEC IE TAUGHT IN IRELAND. HORTICULTURE STUDY  
ABROAD - IRELAND. SUMMER 2011. OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies  
2433805 UA ARRANGED GLADON R  
MEETS: MAY 8-27  
Note: SEC UA TAUGHT IN UKRAINE, BULGARIA.  
AGRICULTURAL PRODUCTION, PROCESSING & MARKETING IN  
UKRAINE & BULGARIA. STUDY ABROAD SUMMER 2011 OFFERED  
FOR 3 CREDITS  
Study Abroad Administrative Fee Applies

## HORTICULTURE

(CONTINUED)

INTRO DNA TECHNIQS HORT 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
3106005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 13-28

INTR PROTEIN TECHNQ HORT 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
3134005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 7-22

SPECIAL TOPICS HORT 590 VAR. CREDITS  
\*\*\*\*\* Prereq: A MAJOR OR MINOR IN HORTICULTURE  
SEE DEPT FOR REFERENCE NUMBERS

WKSHP GREENHS CROPS HORT 593A VAR. CREDITS  
4339005 ARRANGED  
MEETS: MAY 16-AUG 5

WKSHP NURSERY CROPS HORT 593B VAR. CREDITS  
4340005 ARRANGED  
MEETS: MAY 16-AUG 5

WORKSHOP TURFGRASS HORT 593C VAR. CREDITS  
4341005 ARRANGED  
MEETS: MAY 16-AUG 5

WORKSHOP FRUIT CROPS HORT 593D VAR. CREDITS  
4342005 ARRANGED  
MEETS: MAY 16-AUG 5

WORKSHOP VEG CROPS HORT 593E VAR. CREDITS  
4343005 ARRANGED  
MEETS: MAY 16-AUG 5

WKSHP CROSS-COMMODT HORT 593F VAR. CREDITS  
4344005 ARRANGED  
MEETS: MAY 16-AUG 5

WKSHP LANDSCAP HORT HORT 593G VAR. CREDITS  
4094005 ARRANGED  
MEETS: MAY 16-AUG 5

CREATIVE COMPONENT HORT 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS HORT 690 VAR. CREDITS  
4348005 ARRANGED  
MEETS: MAY 16-AUG 5

RSRCH GREENHSE CROP HORT 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HOTEL RESTAURANT & INSTITUTION MGMT**

HOSPILTY WORK EXP I HRI 393 2 CREDITS  
Prereq: 101, 193, 233, 287; ADVISER APPROVAL  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST HOSPLITY MGT HRI 490B VAR. CREDITS  
Prereq: PROGRAM APPROVAL  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CREDITS  
Prereq: PROGRAM APPROVAL  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HRI 490E VAR. CREDITS  
Prereq: PROGRAM APPROVAL  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## HOTEL RESTAURANT &amp; INSTITUTION MGMT (CONTINUED)

INDEP STUDY HONORS HRI 490H VAR. CREDITS  
 Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN  
 HONORS PROGRAM  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SP TOP HOSPITLTY MGT HRI 590B VAR. CREDITS  
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND  
 PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TP FOOD SERV OP HRI 590E VAR. CREDITS  
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND  
 PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HRI 599 VAR. CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV HOSP FINANC MGT HRI 633 3 CREDITS  
 Prereq: 533  
 4397005 1 MTWRF 8:00-5:00  
 MEETS: JUNE 13-17

ADV HR MGT FDSRV&LG HRI 638 3 CREDITS  
 Prereq: 538  
 4400005 1 MTWRF 8:00-5:00  
 MEETS: JUNE 6-11

ADV TOP LDRSHP HOSP HRI 690A VAR. CREDITS  
 Prereq: ENROLLMENT IN DOCTORAL PROGRAM  
 Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2011  
 2657005 1 MTWRF 6:00-9:00PM  
 ARRANGED  
 MEETS: JUNE 13-25  
 Note: THE ARRANGED TIME REPRESENTS A SUNDAY DAYTIME MTG

ADV TOP HSPITLTY MGT HRI 690B VAR. CREDITS  
 Prereq: ENROLLMENT IN DOCTORAL PROGRAM  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
 2664005 1 MTWRF 8:00-5:00  
 MEETS: JUNE 20-24

RESEARCH HRI 699 VAR. CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**HUMAN COMPUTER INTERACTION**

SPECIAL TOPICS HCI 590 VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

HCI INTERNSHIP HCI 697 R CREDIT  
 Prereq: GRAD CLASSIFICATION, PERMISSION OF  
 DIRECTOR OF GRADUATE EDUCATION  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HCI 699 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**HUMAN DEVELOPMENT & FAMILY STUDIES**

INDV&FAM LIFE DEVEL HD FS 102 3 CREDITS  
 3491600 XW ARRANGED FLITNER A  
 MEETS: MAY 16-JUNE 24  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

PRSNL FIN ERLY ADLT HD FS 183X 1 CREDIT  
 Satisfactory-Fail Only.  
 9107600 XW ARRANGED HENNICK J  
 MEETS: MAY 16-JUNE 24  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00  
 Section info: [http://www.hs.iastate.edu/online/classweb/fall2010/hdfs/hdfs183x\\_xv/d](http://www.hs.iastate.edu/online/classweb/fall2010/hdfs/hdfs183x_xv/d)

FAMILY RELATIONSHPS HD FS 270 3 CREDITS  
 Prereq: 102 OR PSYCH 230  
 7012600 XW ARRANGED  
 MEETS: MAY 16-JULY 8  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

HUMAN SEXUALITY HD FS 276 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 3496600 XW ARRANGED POPILLION A  
 MEETS: MAY 16-JUNE 24  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS  
 3499600 XW ARRANGED BORKOWSKI D  
 MEETS: MAY 16-JUNE 24  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

FLD EXP EARLY CHILD HD FS 317A 1- 6 CREDITS  
 Prereq: 343, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B 1- 6 CREDITS  
 Prereq: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YR OLD HD FS 317D 1- 6 CREDITS  
 Prereq: 226, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E 1- 6 CREDITS  
 Prereq: 340, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH HD FS 317F 1- 6 CREDITS  
 Prereq: 269, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

AGING & THE FAMILY HD FS 377 3 CREDITS  
 Prereq: 102  
 Note: Meets U.S. diversity reqmt  
 3506005 MTWR 11:00-12:15 DAUGHERTY K  
 MEETS: JUNE 13-AUG 5

CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS  
 Prereq: 6 CREDITS IN SOCIAL SCIENCES  
 1155005 MTWR 8:40-10:20 GUDMUNSON C  
 MEETS: MAY 16-JUNE 24

IND STU CHILD&FAMLY HD FS 490A VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOUSING HD FS 490B VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU FAMLY FINAN HD FS 490C VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS  
 Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMLY HD FS 490I VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 8 CREDITS  
 Prereq: 449; INSTRUCTOR PERMISSN, SENIOR CLASSIF  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CREDITS  
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
 STUDENT PROPOSED TO WORK  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ISS MARRIAG&FM THER HD FS 582 3 CREDITS  
 Prereq: 9 CREDITS IN SOCIAL SCIENCES  
 8765005 MTWR 8:40-11:10 MURPHY M  
 MEETS: MAY 16-JUNE 10

SPCL TOP FAMILY STU HD FS 590A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

SPL TOPICS HOUSING HD FS 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY FINAN HD FS 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVEL HD FS 590D VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVEL HD FS 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC HD FS 590F VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY SP ED HD FS 590G VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS THERAPY HD FS 590M VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY POLCY HD FS 590N VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP FAM STUDI HD FS 591A VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMILY FINAN HD FS 591C VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP HUM DEVEL HD FS 591D VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP CHILD DEV HD FS 591E VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP EARLY ED HD FS 591F VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN EARLY SPL ED HD FS 591G VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP THERAPY HD FS 591M VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMILY STDI HD FS 690A VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING HD FS 690B VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMLY FINAN HD FS 690C VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN DEVEL HD FS 690D VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVEL HD FS 690E VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC HD FS 690F VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED HD FS 690G VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

ADV TOP HUMAN,FAMLY HD FS 690I VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS THERAPY HD FS 690M VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMLY POLCY HD FS 690N VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FAM THRPY INTERNSHP HD FS 691C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP HD FS 691D VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE HD FS 699A VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING HD FS 699B VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY FINANC HD FS 699C VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CHLDHD ED HD FS 699F VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CH SPL ED HD FS 699G VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES MAR&FAM THERAPY HD FS 699M VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY POLICY HD FS 699N VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HUMAN SCIENCES

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS  
5101005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

## IMMUNOBIOLOGY

RESEARCH IMBIO 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## INDUSTRIAL ENGINEERING

COOPERATIVE EDUC I E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGR ECONOMIC ANALY I E 305 3 CREDITS  
Prereq: MATH 166  
Note: Available for nonmajor graduate credit  
4425005 MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8

## INDUSTRIAL ENGINEERING

(CONTINUED)

SUMMER INTERNSHIP I E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 398 R CREDIT  
Prereq: 298, PERMISSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFFCTV I E 409 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
Note: Available for nonmajor graduate credit  
5998005 A MTWRF 8:30-5:30  
MEETS: MAY 9-20  
Note: MEETS 8:30-4:30 MAY 9-13; MEETS 1-5:30 MAY 16-20

MANUFACT SYSTM ENGR I E 448 3 CREDITS  
Prereq: 248 OR SIMILAR MANUFACTURING EXPERIENCE, 305.  
Note: Available for nonmajor graduate credit  
6090005 MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8

IND STDY MANUFACTRG I E 490A 1- 5 CREDITS  
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN FACTR I E 490B 1- 5 CREDITS  
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU OPER RESRCH I E 490C 1- 5 CREDITS  
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTPRSE CMP I E 490D 1- 5 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1- 5 CREDITS  
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CREDITS  
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
UNIV HONORS PROGRAM MEMBERSHIP  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CREDIT  
Prereq: 298, PERMISSN OF DEPTMNT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS I E 590 1- 3 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR I E 599A VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES I E 599C VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS I E 690 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT  
Note: Department permission required.  
Satisfactory-Fail Only.  
7999005 ARRANGED  
MEETS: MAY 16-AUG 5

INDUS ENGR RESEARCH I E 699A VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS RESEARCH I E 699C VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## INFORMATION ASSURANCE

INFO ASSURNC INTERN INFAS 697 R CREDIT  
Prereq: PERMISSN OF DEPT, GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
8082005 A ARRANGED  
MEETS: MAY 16-AUG 5

## INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS  
4480005 ARRANGED  
MEETS: MAY 16-AUG 5

THESIS RESEARCH IGS 699 VAR. CREDITS  
4481005 ARRANGED  
MEETS: MAY 16-AUG 5

## INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS  
Note: Meets international perspectives reqmt  
9582600 XW ARRANGED LOONEY M  
MEETS: JUNE 13-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

## IOWA LAKESIDE LABORATORY

NATUR HIST PRAIRIES IA LL 293G 1- 2 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2011  
Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
9708005 MTWRF 8:00-5:00  
MEETS: JUNE 20-24  
Note: Tuition Category: Iowa Lakeside Lab

UNDERGRAD INTERNSHP IA LL 303I 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, SOPH STANDING  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3683005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

SUMMR WRITNG WRKSHP IA LL 311 1 CREDIT  
Note: Available for nonmajor graduate credit  
9305005 TWRF 1:00-5:00  
MEETS: JULY 5-9  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
Tuition Category: Iowa Lakeside Lab

ECOLOGY IA LL 312I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3707005 MTWRF 8:00-5:00  
MEETS: MAY 23-JUNE 17  
Note: Tuition Category: Iowa Lakeside Lab

ORNITHOLOGY IA LL 326I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3721005 MTWRF 8:00-5:00  
MEETS: MAY 23-JUNE 17  
Note: Tuition Category: Iowa Lakeside Lab

PLANT TAXONOMY IA LL 367 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3748005 MTWRF 8:00-5:00  
MEETS: JUNE 20-JULY 15  
Note: Tuition Category: Iowa Lakeside Lab

WTRSHD HYDROL&SURF IA LL 402I 4 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING  
Note: Available for nonmajor graduate credit  
Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
5798005 MTWRF 8:00-12:00  
MEETS: MAY 23-JULY 15  
Note: Tuition Category: Iowa Lakeside Lab

UG INDEP STDY IA LL IA LL 490I 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATION AND PERMISSION OF INSTRUCTOR  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3984005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

## IOWA LAKESIDE LABORATORY (CONTINUED)

UNDERGRAD RESEARCH IA LL 499 1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3565005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

GRADUATE INTERNSHPS IA LL 503 1- 5 CREDITS  
Prereq: PERMISN OF INSTRUCTOR & GRADUATE STANDING  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3859005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

AQUATIC ECOLOGY IA LL 508I 4 CREDITS  
Prereq: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3860005 MTWRF 8:00-5:00  
MEETS: MAY 23-JUNE 17  
Note: Tuition Category: Iowa Lakeside Lab

CONSERVATION BIOLOGY IA LL 531I 4 CREDITS  
Prereq: IA LL 312I  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
4845005 MTWRF 8:00-5:00  
MEETS: JUNE 20-JULY 15  
Note: Tuition Category: Iowa Lakeside Lab

FIELD MYCOLOGY IA LL 575I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
4849005 MTWRF 8:00-5:00  
MEETS: JUNE 20-JULY 15  
Note: Tuition Category: Iowa Lakeside Lab

ECOL & SYST DIATOMS IA LL 580I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3888005 MTWRF 8:00-5:00  
MEETS: MAY 23-JUNE 17  
Note: Tuition Category: Iowa Lakeside Lab

GRAD IND STDY IA LL IA LL 590I 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR & GRAD CLASSIF  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3977005 1 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

RESEARCH - IA LL IA LL 699I 1- 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3965005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

**JOURNALISM & MASS COMMUNICATION**

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS  
4656005 1 MTWRF 12:10-2:10  
MEETS: JUNE 13-JULY 8

REPORT&WRIT MASS MD JL MC 201 3 CREDITS  
Prereq: ENGL 250 OR 105 (OR TESTOUT); A SCORE OF 26 OR HIGHER ON ACT ENGLISH EXAM, 590 OR HIGHER ON THE SAT VERBAL EXAM OR A PASSING SCORE ON THE SCHOOL'S ENGLISH USAGE TEST  
Note: FOR ADVRT, JL MC, P ADV, P JMC MAJORS ONLY  
Department permission required.  
4658005 1 MTWRF 8:40-10:50  
MEETS: MAY 16-JULY 8  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

ETHNIC, GENDER & MEDIA JL MC 477 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
4554005 1 MTWRF 8:40-10:50  
MEETS: MAY 16-JUNE 10

INDEP STDY CMUNCATN JL MC 490 VAR. CREDITS  
Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH SUPERVISING PROFESSOR TO REGISTER  
Note: NO MORE THAN 3 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 CREDITS  
Prereq: JL MC MAJORS: C+ OR BETTER IN 202 OR 206 OR 321; ADVRT MAJORS: 301, C+ OR BETTER IN JL MC 201; ALL STUDENTS: JR CLASSIFICATION, FORMAL FACULTY ADVISER APPROVAL OF WRITTEN PROPOSAL  
Note: Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2011  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT JL MC 599 VAR. CREDITS  
Prereq: APPROVED CREDIT COMPONENT PROPOSAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH JL MC 699 VAR. CREDITS  
Prereq: APPROVED THESIS PROPOSAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**KINESIOLOGY**

SWIMMING I KIN 101 1 CREDIT  
Satisfactory-Fail Only.  
5660005 1 MTWR 8:40-9:40  
MEETS: JUNE 13-JULY 28  
Note: Materials and equipment use fee \$10.00  
5660010 2 MTWR 9:50-10:50  
MEETS: JUNE 13-JULY 28  
Note: Materials and equipment use fee \$10.00

BOWLING KIN 129 1 CREDIT  
Satisfactory-Fail Only.  
5675005 1 MTWR 11:00-12:00  
MEETS: MAY 16-JULY 5  
Note: Equipment use fee \$35.00  
5675010 2 MTWR 12:10-1:10  
MEETS: JUNE 13-JULY 28  
Note: Equipment use fee \$35.00

GOLF KIN 135 1 CREDIT  
Satisfactory-Fail Only.  
5678005 1 MTWR 8:40-9:40  
MEETS: MAY 16-JUNE 30  
Note: Materials and equipment use fee \$50.00  
5678010 2 MTWR 7:30-8:30  
MEETS: MAY 16-JUNE 30  
Note: Materials and equipment use fee \$50.00

TENNIS KIN 158 1 CREDIT  
Satisfactory-Fail Only.  
5690005 1 MTWR 9:50-10:50  
MEETS: MAY 16-JUNE 30  
Note: Materials and equipment use fee \$10.00  
5690010 2 MTWR 11:00-12:00  
MEETS: JUNE 13-JULY 28  
Note: Materials and equipment use fee \$10.00

WALKING FOR FITNESS KIN 164 1 CREDIT  
Satisfactory-Fail Only.  
8867005 1 MTWR 7:30-8:30  
MEETS: MAY 16-JUNE 30

WEIGHT TRAINING KIN 166 1 CREDIT  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE COURSE IN THE SAME SPORT, KIN 166  
Satisfactory-Fail Only.  
5696005 1 MTWR 7:30-8:30  
MEETS: MAY 16-JUNE 30  
Note: Materials and equipment use fee \$10.00

BASIC ATHLETIC TRAIN KIN 220 2 CREDITS  
Prereq: BIOL 155 OR 255 AND 256  
Note: Instructor permission required 1st week.  
5729005 1 MTWRF 9:50-11:50  
MEETS: MAY 16-JUNE 10  
Note: Materials fee \$50.00

PHYS FITNESS & COND KIN 258 2 CREDITS  
Prereq: MAJOR IN KINESIOLOGY OR HEALTH  
Note: CREDIT FOR EITHER EX SP/KIN 163 OR EX SP/KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
RESTRICTED TO D EXA, D EXH, HHP, PDEXA, PDEXH, KIN H MAJORS ONLY.  
5732005 1 MTWR 8:40-10:20  
MEETS: JUNE 13-JULY 21  
Note: Materials and professional support fee \$10.00

## KINESIOLOGY

(CONTINUED)

ELEM&PRESCH MVMT ED KIN 284 3 CREDITS  
Prereq: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES  
Note: CREDIT FOR EITHER EX SP/KIN 275/312 OR EX SP/KIN 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
5737005 1 MTWRF 1:20-4:20  
MEETS: JUNE 13-JULY 8  
Note: Materials and equipment use fee \$20.00

PRE-INTERN KINESIOL KIN 285 1- 2 CREDITS  
Prereq: KINESIOLOGY AND HEALTH MAJOR, AND PERMISSION OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
8750005 ARRANGED  
MEETS: MAY 16-AUG 5

COACH THY&ADMIN ISS KIN 315 3 CREDITS  
5732005 1 MTWRF 8:40-10:50  
ARRANGED  
MEETS: MAY 16-JUNE 10

BIOMECHANICS KIN 355 3 CREDITS  
Prereq: PHYS 106 OR 111  
Note: Available for nonmajor graduate credit  
5752005 1 MTW 11:00-1:00  
R 11:00-1:00  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$10.00  
5752010 2 MTW 11:00-1:00  
R 1:20-3:20  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$10.00

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS  
Prereq: BIOL 255, 255L, 256 AND 256L  
Note: Available for nonmajor graduate credit  
5766005 1 MTW 9:50-11:20  
R 9:50-11:50  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$10.00  
5766010 2 MTW 9:50-11:20  
F 9:50-11:50  
MEETS: MAY 16-JULY 8  
Note: Materials and equipment use fee \$10.00

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 230  
7190005 MTWRF 8:40-10:50  
MEETS: MAY 16-JUNE 10

MOTOR CNTROL LIFESP KIN 372 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256  
9623005 1 MTWR 8:40-10:20  
MEETS: MAY 16-JUNE 24  
Note: Materials and equipment use fee \$10.00

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS  
Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, C- OR BETTER IN 458 AND 459, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0  
Satisfactory-Fail Only.  
5772005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

INTERNSHP SPORT&ACT KIN 485B 1-16 CREDITS  
Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0  
Satisfactory-Fail Only.  
5773005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

ATHL TRAIN COMPETNC KIN 489 R CREDIT  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR, SENIOR CLASSIFICATION  
Satisfactory-Fail Only.  
3220005 ARRANGED  
MEETS: JUNE 13-AUG 5

IND STUDY EXER&SPRT KIN 490A 1- 3 CREDITS  
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COACHING KIN 490B 1- 3 CREDITS  
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1- 3 CREDITS  
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## KINESIOLOGY

(CONTINUED)

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HUMN GRWTH KIN 590I 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CREDITS  
Prereq: 10 GRAD CR IN HHP AND/OR RELATED AREAS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CREDITS  
Prereq: 10 GRAD CR IN HHP AND/OR RELATED AREA  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT KIN 599 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH KIN 699 1- 6 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**LANDSCAPE ARCHITECTURE**

FIELD TRAVEL L A 309 1- 2 CREDITS  
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM AND PERMISSION OF ADVISOR  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
4771800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 1 CREDIT  
Materials fee \$0.00-\$610.00  
Study Abroad Administrative Fee Applies

URBAN DESIGN L A 402 6 CREDITS  
Prereq: 302  
6174800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-JULY 29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 6 CREDITS  
Materials fee \$0.00-\$610.00  
Study Abroad Administrative Fee Applies

LAND ARCH INTERNSHP L A 451A R CREDIT  
Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR  
3036005 1 ARRANGED  
MEETS: MAY 16-AUG 5

L ARCH STUDY ABROAD L A 451B R CREDIT  
Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR  
6212005 ARRANGED  
MEETS: MAY 16-AUG 5

LA NAT'L STDT XCHNG L A 451C R CREDIT  
Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR  
6213005 ARRANGED  
MEETS: MAY 16-AUG 5

TOPIC URBAN DESIGN L A 478F 2- 3 CREDITS  
Prereq: 371 OR SENIOR OR GRADUATE STANDING  
3919800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-JULY 29  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 6 CREDITS  
Materials fee \$0.00-\$300.00  
Study Abroad Administrative Fee Applies

## LANDSCAPE ARCHITECTURE

(CONTINUED)

IND STDY LAND DSGN L A 490A 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLNTNG DSN L A 490B 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSC PLAN L A 490E 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 490F 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI L A 490J 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL L A 490K 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY ECO DESIGN L A 490L 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOCIAL/BHV L A 490M 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU NATU RESRCE L A 490N 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

THESIS,CRTV CMP,TUT L A 580 1- 4 CREDITS  
Prereq: PERMISSION OF MAJOR PROFESSOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC DSGN L A 590A 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LANDSCAPE ARCHITECTURE

(CONTINUED)

SPL TOP LANDSC PLAN L A 590E 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN L A 590F 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS HONORS L A 590H 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT L A 599 1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROF  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A 699 1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROFESSOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LATIN

ELEMENTARY LATIN I LATIN 101 4 CREDITS  
4854600 XW ARRANGED MEYERS R  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$200.00  
Section info: <http://www.language.iastate.edu/main/pro/cls/cou/online/latin101.cfm>

INDEPENDENT STUDY LATIN 490 1- 6 CREDITS  
Prereq: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR  
Note: NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE APPLIED TOWARD GRADUATION  
Permission of department chair required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LIBERAL ARTS &amp; SCIENCES

INTR U.S. LATINO ST LAS 211 3 CREDITS  
Note: Meets U.S. diversity reqmt  
2890005 MTWR 9:50-12:20  
MEETS: MAY 16-JUNE 10

SPECIAL PROBLEMS LAS 290D 1- 3 CREDITS  
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
PERMISSION OF LAS DEAN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CATT CENTR LAS 290G 1- 3 CREDITS  
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,  
PERMISSION OF THE DIRECTOR OF THE CATT CENTER  
Note: PERMISSION OF DIRECTOR OF THE CATT CENTER  
REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN  
10 ENROLLMENT SERVICES CENTER.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LIBERAL ARTS &amp; SCIENCES

(CONTINUED)

- INTERNSHIP/CO-OP LAS 298 R CREDIT  
Prereq: PERMISSION OF LAS CAREER SERVICES,  
SOPHOMORE CLASSIFICATION  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- THE HOLOCAUST LAS 385 2- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
Meets international perspectives reqmt  
4837005 1 TR 6:00-9:00PM  
MEETS: MAY 16-JULY 8
- INTERNSHIP/CO-OP LAS 398 R CREDIT  
Prereq: PERMISSION OF LAS CAREER SERVICES,  
JUNIOR CLASSIFICATION  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INDEPENDENT STUDY LAS 490 VAR. CREDITS  
Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE  
Note: PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD.  
PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES  
CENTER. NO MORE THAN 9 CREDITS OF LAS 490 MAY BE  
APPLIED TOWARD GRADUATION.  
College permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STDY ENTREPRNSH LAS 490E VAR. CREDITS  
Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE  
Note: PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD.  
PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES  
CENTER. NO MORE THAN 9 CREDITS OF LAS 490 MAY BE  
APPLIED TOWARD GRADUATION.  
College permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STUDY CATT CNTR LAS 490G VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2011.  
NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED  
TOWARD GRADUATION.  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SERVICE LEARNING LAS 491 1- 4 CREDITS  
Prereq: PERMISSION OF THE INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INTERNSHIP/CO-OP LAS 498 R CREDIT  
Prereq: PERMISSION OF LAS CAREER SERVICES,  
SENIOR CLASSIFICATION  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INTERNSHIP LAS 499 1- 4 CREDITS  
Prereq: PERMISSION OF LAS CAREER SERVICES  
Note: PERMISSION OF LAS ASSOC DEAN ZORA ZIMMERMAN REQ'D  
College permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## LIBRARY

- LIB INSTRUCTION LIB 160 .5 CREDIT  
Prereq: STUDENTS WHOSE NATIVE LANGUAGE IS NOT  
ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT  
Satisfactory-Fail Only.  
4862005 1 MW 11:00-12:00  
MEETS: JUNE 13-JULY 8  
4862010 2 TR 1:20-2:20  
MEETS: JUNE 13-JULY 8

## LINGUISTICS

- BASIC SIGN LANGUAGE LING 286 3 CREDITS  
Note: Meets U.S. diversity reqmt  
8597600 XV ARRANGED VENKATAGIRI H  
MEETS: JUNE 13-AUG 5  
Note: Section XV is off campus  
Course delivery is WWW  
Delivery fee \$150.00
- INTR SPANSH PHONOLG LING 352 3 CREDITS  
Prereq: SPAN 301, 303, OR 304  
Note: Meets international perspectives reqmt  
Available for nonmajor graduate credit  
3492005 1 ARRANGED  
MEETS: JUNE 13-JULY 8  
Note: Materials and equipment use fee \$25.00

## LINGUISTICS

(CONTINUED)

- IND STU LINGUI,SMAN LING 490B VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO  
THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE  
UNDERGRADUATE STUDIES COMMITTEE  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STDY LING ANTHR LING 490D 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INTR LINGUIST ANALY LING 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
8616600 XW ARRANGED LEVIS J  
MEETS: MAY 17-JULY 9  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$225.00
- SOCIOLOGICAL LING 514 3 CREDITS  
Prereq: 511 OR AN INTRO COURSE IN LING  
8619010 A TR 1:20-4:50  
MEETS: JUNE 13-JULY 22
- PRA TCH ENG 2ND LNG LING 588 3 CREDITS  
Prereq: 15 CREDITS TOWARD THE TESL/APPLIED  
LINGUISTICS MASTER'S DEGREE  
6550005 A ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Professional support, field trips &/or  
travel fee \$20.50-\$61.50
- SPL TOP TESL/LINGUI LING 590B VAR. CREDITS  
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE  
ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- PRACTCM TEC & LINGUI LING 688 3 CREDITS  
Prereq: ENGL 510, 626, OR EQUIVALENT; SECOND-YEAR  
PH.D. STUDENT  
6574005 A ARRANGED  
MEETS: MAY 16-AUG 5

## LOGISTICS &amp; SUPPLY CHAIN MGMT

- DECISN TOOLS LOG&OP LSCM 460 3 CREDITS  
Prereq: 360 AND OSCM 320, OR SCM 301X  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
Available for nonmajor graduate credit  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
6790005 A1 MTWRF 12:10-2:10  
MEETS: MAY 16-JUNE 10  
Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U,  
BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS  
6790010 A2 MTWRF 12:10-2:10  
MEETS: MAY 16-JUNE 10  
Note: SECTION A2 RESTRICTED TO COLLEGES OTHER THAN  
BUSINESS
- INDEPENDENT STUDY LSCM 490 1- 3 CREDITS  
Prereq: 360 OR SCM 301X, SENIOR CLASSIFICATION,  
INSTRUCTOR PERMISSION  
Note: COURSE NOT OPEN TO P BUS MAJORS  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MANAGEMENT

- MANAGMT ORGANIZATNS MGMT 370 3 CREDITS  
Prereq: ECON 101 OR 102 OR EQUIVALENT  
Note: COURSE NOT OPEN TO P BUS MAJORS  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
5282005 A1 MTWRF 9:50-11:50  
MEETS: JUNE 13-JULY 8  
Note: SEC A1 RESTRICTED TO ACCT, AG B, AN S, AST,  
BUS S, BUS U, BUSEC, DY S, FIN, FS A, FS H, FSHNA,  
FSHNH, HORT, I TEC, LSCM, MGMT, MIS, MKT, OSCM, SCM  
MAJORS. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT  
340 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT  
SEM ENROLLMENT BLOCK INCLUDES FIN 301 AND SCM 301.  
5282010 A2 MTWRF 9:50-11:50  
MEETS: JUNE 13-JULY 8  
Note: SECTN A2 FOR MAJORS OTHER THAN ACCT, AG B, AN S,  
AST, BUS S, BUS U, BUSAD, BUSEC, DY S, FIN, FS A,  
FS H, FSHNA, FSHNH, HORT, I BUS, I R, I TEC, LOMIS,  
LSCM, MGMT, MIS, MKT, OSCM, P BUS, SCIS, SCM
- INTERNATIONAL MGMT MGMT 414 3 CREDITS  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
Available for nonmajor graduate credit  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
5285005 A1 MTWRF 7:30-9:30  
MEETS: JUNE 13-JULY 8  
Note: SECTION A1 RESTRICTED TO I BUS, MGMT, AG B, I TEC  
MAJORS ONLY  
5285010 A2 MTWRF 7:30-9:30  
MEETS: JUNE 13-JULY 8  
Note: SECTION A2 RESTRICTED TO ACCT, BUS S, BUS U,  
BUSEC, FIN, LSCM, MIS, MKT, OSCM, SCM UNDERGRADS

## MANAGEMENT

(CONTINUED)

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS  
Prereq: 370; FIN 301; MKT 340; ACCT 285;  
GRADUATING SENIOR; OSCM 320 AND LSCM 360, OR SCM 301X  
Note: COURSE RESTRICTED TO SENIORS GRADUATING SUMMER  
2011 IN THE COLLEGE OF BUSINESS  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
5294005 A MTWRF 7:30-9:30  
MEETS: MAY 16-JUNE 10  
5294010 B MTWRF 7:30-9:30  
MEETS: JULY 11-AUG 5

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS  
Prereq: 370, SENIOR CLASSIFICATION, PERMISSION OF  
INSTRUCTOR  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS MGMT 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MANAGEMENT INFORMATION SYSTEMS**

MGMT INFO SYSTEMS MIS 330 3 CREDITS  
Prereq: BUSAD 150 OR COM S 103  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
4394005 A1 MTWRF 12:10-2:10  
MEETS: JUNE 13-JULY 8  
Note: SEC A1 RESTRICTED TO ACCT, AG B, AST, BUS S,  
BUS U, BUSEC, FIN, I TEC, LSCM, MGMT, MIS, MKT,  
OSCM, P BUS, SCM UNDERGRADS ONLY  
4394010 A2 MTWRF 12:10-2:10  
MEETS: JUNE 13-JULY 8  
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ACCT,  
AG B, AST, BUS S, BUS U, BUSAD, BUSEC, FIN, I R,  
I TEC, LOMIS, LSCM, MGMT, MIS, MKT, OSCM, P BUS, SCM,  
SCIS

INDEPENDENT STUDY MIS 490 1- 3 CREDITS  
Prereq: 330, SENIOR CLASSIFICATION, PERMISSION  
OF INSTRUCTOR  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS MIS 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT MIS 599 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
SUPERVISORY COMMITTEE CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM I MIS 650 1 CREDIT  
Prereq: ENROLLMENT IN THE PH D PROGRAM  
7555005 A ARRANGED  
MEETS: MAY 16-AUG 5

RSEARCH PRACTICUM II MIS 651 1 CREDIT  
Prereq: ENROLLMENT IN THE PH D PROGRAM  
7582005 A ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH MIS 699 3- 6 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
MAJOR PROFESSOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MARKETING**

PRIN OF MARKETING MKT 340 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN ECON 101  
Note: COURSE NOT OPEN TO P BUS MAJORS  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
5352005 A1 MTWRF 7:30-9:30  
MEETS: MAY 16-JUNE 10  
Note: SEC A1 RESTRICTED TO ACCT, AG B, AN S, AST, BUS S  
BUS U, BUSEC, DY S, FIN, FS A, FS H, FSHNA, FSHNH,  
HORT, I TEC, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM  
MAJORS. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT  
370 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT  
SEM ENROLLMENT BLOCK INCLUDES FIN 301 AND SCM 301.  
5352010 A2 MTWRF 7:30-9:30  
MEETS: MAY 16-JUNE 10  
Note: SEC A2 FOR MAJORS OTHER THAN ACCT, AG B, AN S,  
AST, BUS S, BUS U, BUSAD, BUSEC, DY S, FIN, FS A,  
FS H, FSHNA, FSHNH, HORT, I BUS, I TEC, LOMIS, LSCM,  
MGMT, MIS, MKT, OSCM, P BUS, P S A, SCIS, SCM

## MARKETING

(CONTINUED)

STRATEGC MKRTNG MGT MKT 443 3 CREDITS  
Prereq: 444, 447  
Note: COURSE RESTRICTED TO MKT SENIORS GRADUATING  
SUMMER 2011  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
5358005 A MTWRF 9:50-11:50  
MEETS: JUNE 13-JULY 8

INDEPENDENT STUDY MKT 490 1- 3 CREDITS  
Prereq: 340, SR CLASSIFICATN; INSTRUCTOR PERMISSN  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS MKT 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM I MKT 650 1 CREDIT  
Prereq: ENROLLMENT IN THE PH D PROGRAM  
7655005 A ARRANGED  
MEETS: MAY 16-AUG 5

RSEARCH PRACTICUM II MKT 651 1 CREDIT  
Prereq: ENROLLMENT IN THE PH D PROGRAM  
7669005 A ARRANGED  
MEETS: MAY 16-AUG 5

**MATERIALS ENGINEERING**

PRIN MATRLS SCI&ENG MAT E 272 2 CREDITS  
Prereq: CHEM 167 OR 177, SOPHOMORE CLASSIFICATION  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272,  
MAT E 392  
6394005 MTWRF 8:40-9:40  
MEETS: MAY 16-JUNE 21

COOPERATIVE EDUC MAT E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRIN MATRLS SCI&ENG MAT E 392 3 CREDITS  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272,  
MAT E 392  
Meets international perspectives reqmt  
Satisfactory-Fail Only.  
8485800 GB ARRANGED CHUMBLEY S  
MEETS: JUNE 6-JULY 15  
Note: SEC GB TAUGHT IN BUNEL UNIVERSITY,  
UXBRIDGE, UNITED KINGDOM. MSE SUMMER PROGRAM  
IN LONDON. STUDY ABROAD SUMMER 2011.  
Study Abroad Administrative Fee Applies

SUMMER INTERNSHIP MAT E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 398 R CREDIT  
Prereq: 298, PERMISSN OF DEPRTMNT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MICROELEC FABRICATN MAT E 432 4 CREDITS  
Prereq: PHYS 222, MATH 267. RECOMMENDED: E E 332  
OR MAT E 334.  
Note: Available for nonmajor graduate credit  
6677005 I ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: Materials fee \$300.00

INDEPENDENT STUDY MAT E 490 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 498 R CREDIT  
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 CREDITS  
Prereq: C I 201, NON-ENGINEERING MAJOR  
8315005 MTWRF 8:30-11:30  
MTWRF 12:30-3:30  
MEETS: JUNE 6-10

SPECIAL TOPICS M S E 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## MATERIALS SCIENCE &amp; ENGINEERING (CONTINUED)

ADV TOPICS MATRL SC M S E 690 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN  
Satisfactory-Fail Only.  
4307005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH M S E 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MATHEMATICS**

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS  
Note: DEVELOPMENTAL MATH FEE APPLIES. SEE FEES INFO AT  
[HTTP://WWW.PUBLIC.IASTATE.EDU/~REGISTRAR/FEES/OTHFEE.SHTML](http://www.public.iastate.edu/~REGISTRAR/FEES/OTHFEE.SHTML).  
Instructor permission required 1st week.  
Satisfactory-Fail Only.  
5115005 A1 MTWRF 8:15-9:45  
MEETS: JUNE 13-AUG 5

INTRO PROB&MATRIC MATH 104 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS  
EARNED IN MATH 104 CANNOT BE APPLIED TOWARD  
GRADUATION BY MATH MAJORS.  
5128005 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

INTRO TO MATH IDEAS MATH 105 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
EXAM, 2 YRS OF HS ALGEBRA, 1 YEAR OF HS GEOMETRY  
Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED  
TOWARD GRADUATION BY MATH MAJORS  
5129005 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

COLLEGE ALGEBRA MATH 140 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
Note: 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 9:50-10:50  
MEETS: JUNE 13-AUG 5  
5132010 B MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8  
5132020 C MTWRF 2:30-4:40  
MEETS: JULY 5-29  
5132015 W ARRANGED  
MEETS: MAY 16-JULY 8  
Note: Course delivery is WWW  
5132600 XW ARRANGED ELLIS J  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Section info: <http://orion.math.iastate.edu/algebra/sp/xcurrent/>

TRIGONOMETRY MATH 141 2 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLED IN  
140  
Note: 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  
MEETS: MAY 16-JUNE 24  
5133015 B MTWRF 8:40-9:40  
MEETS: JUNE 13-JULY 22  
5133020 C MTWRF 2:30-4:40  
MEETS: JULY 5-22  
5133030 W ARRANGED  
MEETS: MAY 16-JULY 8  
Note: Course delivery is WWW  
5133600 XW ARRANGED ELLIS J  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$100.00  
Section info: [http://lasonline.iastate.edu/math\\_141](http://lasonline.iastate.edu/math_141)

TRIG&ANALY GEOMETRY MATH 142 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT  
IN 140  
Note: 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  
MEETS: MAY 16-JULY 8

## MATHEMATICS (CONTINUED)

TRIG&ANALY GEOMETRY MATH 142 3 CREDITS  
5134015 B MTWRF 8:40-9:40  
MEETS: JUNE 13-AUG 5  
5134020 C MTWRF 2:30-4:40  
MEETS: JULY 5-29  
5134030 W ARRANGED  
MEETS: MAY 16-JULY 8  
Note: Course delivery is WWW  
5134600 XW ARRANGED ELLIS J  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00  
Section info: <http://orion.math.iastate.edu/trig/sp/xcurrent/>

DISC MATH BUS&SOC S MATH 150 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
Note: 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  
MEETS: MAY 16-JULY 8  
5135010 B MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8  
5135015 C MTWRF 9:50-10:50  
MEETS: JUNE 13-AUG 5

BUS & SOC SCI CALC MATH 151 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
160, 165-166, 181-182. CREDITS EARNED IN MATH 151  
CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.  
6 CREDITS OF MATH 151, 181, 165 (OR 166) MAY BE  
APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS  
BEEN TAKEN.  
5136005 A MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8  
5136010 B MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8  
5136015 C MTWR 7:00-8:15PM  
MEETS: MAY 16-JULY 8

CALCULUS I MATH 165 4 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
EXAM, 1 YRS OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY  
OR ENROLLMENT IN 141 OR 142  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
160, 165-166, 181-182  
5138005 A MTWRF 8:40-10:00  
MEETS: MAY 16-JULY 8  
5138010 B MTWRF 8:40-10:00  
MEETS: JUNE 13-AUG 5

CALCULUS II MATH 166 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN 165 OR  
HIGH MATH PLACEMENT SCORES  
Note: 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  
MEETS: MAY 16-JULY 8  
5139015 B MTWRF 11:00-12:20  
MEETS: JUNE 13-AUG 5  
5139020 C MTWRF 11:00-12:20  
MEETS: MAY 16-JULY 8

CALCULUS III MATH 265 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN 166 OR 166H  
5151005 A MTWRF 9:50-11:10  
MEETS: MAY 16-JULY 8  
5151015 B MTWRF 9:50-11:10  
MEETS: JUNE 13-AUG 5  
5151025 C MTWRF 9:50-11:10  
MEETS: MAY 16-JULY 8

ELEM DIFF EQUATNS MATH 266 3 CREDITS  
Prereq: GRADE OF C- OR BETTER IN 166 OR 166H  
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268  
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD  
GRADUATION  
5152005 A MTWRF 12:10-1:30  
MEETS: MAY 16-JUNE 24  
5152010 B MTWRF 12:10-1:30  
MEETS: MAY 16-JUNE 24  
5152015 C MTWRF 12:10-1:30  
MEETS: JUNE 13-JULY 22

## MATHEMATICS

(CONTINUED)

DIFF EQ & TRANSFMS MATH 267 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN 166 OR 166H  
Note: 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  
MEETS: MAY 16-JULY 8

5153010 B MTWRF 12:10-1:30  
MEETS: MAY 16-JULY 8

5153015 C MTWRF 12:10-1:30  
MEETS: JUNE 13-AUG 5

INDEPENDENT STUDY MATH 290 1- 3 CREDITS  
Note: Department permission required.

5156005 ARRANGED  
MEETS: MAY 16-AUG 5

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS  
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: Department permission required.

5157005 ARRANGED  
MEETS: MAY 16-AUG 5

MATRCES&LINEAR ALGB MATH 307 3 CREDITS  
Prereq: 2 SEMESTERS OF CALCULUS  
Note: 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  
MEETS: MAY 16-JULY 8

ANALYSIS I MATH 414 3 CREDITS  
Prereq: 201, 265; AND 307 OR 317  
Note: Available for nonmajor graduate credit

5171005 MTWRF 11:00-12:00  
MEETS: MAY 16-JULY 8

INDEPENDENT STUDY MATH 490 1- 3 CREDITS  
Prereq: 301 OR 317; 6 CREDITS IN MATH  
Note: NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED  
TOWARD GRADUATION

5182005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Department permission required.

INDEP STUDY HONORS MATH 490H 1- 3 CREDITS  
Prereq: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP  
IN UNIV HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.

5183005 ARRANGED  
MEETS: MAY 16-AUG 5

INTRO REAL ANALYSIS MATH 501 3 CREDITS  
Prereq: 265 AND 307 OR 317

7394005 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

ED SEM TCH ANLY&ALG MATH 540C 1 CREDIT  
Prereq: ENROLLMENT IN THE MASTER OF SCHOOL  
MATHEMATICS PROGRAM OR PROFESSIONAL STUDIES IN EDUC

6506005 W 12:10-2:30  
MEETS: JUNE 13-JULY 29

6506600 XW W 12:10-2:30 BOLLES H  
MEETS: JUNE 13-JULY 29  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$75.00

INTERMED CALCULUS MATH 545 4 CREDITS  
Prereq: 3 SEMESTERS OF CALCULUS & ENROLLMENT  
IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM

5212005 MTWRF 7:30-9:20  
MEETS: JUNE 13-JULY 29

5212600 XW MTWRF 7:30-9:20 HENTZEL I  
MEETS: JUNE 13-JULY 29  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$300.00

ALGRTH &CPTR IMLEM MATH 546 3 CREDITS  
Prereq: 3 SEMESTERS IN CALCULUS OR CONCURRENT  
ENROLLMENT IN THE MASTER OF SCHOOL MATH PROG

5213005 MTWRF 9:50-11:55  
MEETS: JUNE 13-JULY 8

5213600 XW MTWRF 9:50-11:55 ANDREOTTI A  
MEETS: JUNE 13-JULY 29  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$225.00

CREATIVE COMPONENT MATH 599 VAR. CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## MATHEMATICS

(CONTINUED)

SEMINAR MATH 610 VAR. CREDITS  
5231005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH MATH 699 VAR. CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**MECHANICAL ENGINEERING**

ENGR THERMODYNAMICS I M E 231 3 CREDITS  
Prereq: MATH 265, CHEM 167, PHYS 222  
Note: CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT  
BOTH, MAY APPLY TOWARD GRADUATION. COURSE RESTRICTED  
TO ENGINEERING COLLEGE MAJORS ONLY.

4877005 A MTWRF 12:10-1:30  
MEETS: MAY 16-JUNE 24

COOPERATIVE EDUCATN M E 298 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 4 CREDITS  
Prereq: 270, MAT E 272, E M 324  
Note: COURSE RESTRICTED TO M E, A E MAJORS ONLY  
Available for nonmajor graduate credit

6277005 A MTWRF 7:30-8:50  
TR 1:20-3:45  
MEETS: JUNE 27-AUG 5

6277010 B MTWRF 7:30-8:50  
TR 9:50-12:15  
MEETS: JUNE 27-AUG 5

MACHINE DESIGN M E 325 3 CREDITS  
Prereq: ENGR 170, E M 324, STAT 305  
Note: COURSE RESTRICTED TO A E, M E MAJORS ONLY  
Available for nonmajor graduate credit

6287005 A MTWRF 7:30-8:50  
MEETS: MAY 16-JUNE 24

KN ANLY PLANR MCNSM M E 326X 1 CREDIT  
Prereq: E M 345  
Note: Available for nonmajor graduate credit

9593005 MTWRF 8:40-9:40  
MEETS: MAY 16-JUNE 3

ENGR THERMODYNAMICS II M E 332 3 CREDITS  
Prereq: 231  
Note: COURSE RESTRICTED TO M E MAJORS ONLY  
Available for nonmajor graduate credit

4878005 1 MTWRF 12:10-1:30  
MEETS: JUNE 27-AUG 5

FLUID FLOW M E 335 4 CREDITS  
Prereq: E M 345, MATH 266 OR 267, CREDIT OR  
ENROLLMENT IN M E 332 AND 370  
Note: Available for nonmajor graduate credit

5703005 1 MTWRF 11:00-12:20  
TR 2:30-4:55  
MEETS: MAY 16-JUNE 24

5703010 2 MTWRF 11:00-12:20  
MW 2:30-4:55  
MEETS: MAY 16-JUNE 24

MEASURMTS&INSTRUMTN M E 370 3 CREDITS  
Prereq: E E 442, STAT 305  
Note: COURSE RESTRICTED TO M E MAJORS ONLY  
Available for nonmajor graduate credit

4881005 1 MTWRF 1:20-2:15  
WF 7:30-10:30  
MEETS: MAY 16-JUNE 24

4881010 2 MTWRF 1:20-2:15  
WF 2:30-5:30  
MEETS: MAY 16-JUNE 24

SUMMER INTERNSHIP M E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 398 R CREDIT  
Prereq: 298, PERMISSON OF DEPRMTNT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

MECH SYST & CONTROL M E 421 4 CREDITS  
Prereq: E M 345, MATH 267, E E 442, 448  
Note: Available for nonmajor graduate credit

6310005 1 MTWRF 12:10-1:30  
MW 2:30-4:55  
MEETS: MAY 16-JUNE 24

6310010 2 MTWRF 12:10-1:30  
TR 2:30-4:55  
MEETS: MAY 16-JUNE 24

## MECHANICAL ENGINEERING

(CONTINUED)

HEAT TRANSFER M E 436 4 CREDITS  
Prereq: 335  
Note: Available for nonmajor graduate credit  
5711005 1 MTWRF 9:50-11:10  
MW 2:30-4:55  
MEETS: JUNE 27-AUG 5  
5711010 2 MTWRF 9:50-11:10  
TR 1:20-3:45  
MEETS: JUNE 27-AUG 5  
5711015 3 MTWRF 9:50-11:10  
MW 12:10-2:35  
MEETS: JUNE 27-AUG 5

IND STU MEAS&INSTRM M E 490C 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU HEAT TRANSF M E 490D 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID POWER M E 490E 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN&SYS M E 490F 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS &MFG M E 490G 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS M E 490H 1- 6 CREDITS  
Prereq: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID MECH M E 490K 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU TURBOMACHIN M E 490L 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E 490M 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CAD/CAM M E 490N 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 498 R CREDIT  
Prereq: 298, PERMISSN OF DEPRMTNT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXP GAS DYN M E 590A 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH M E 590B 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF M E 590C 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN M E 590D 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TURBOMACHIN M E 590E 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHIC PROPUL M E 590F 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN M E 590G 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CONTRL M E 590I 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIR &DSGN M E 590J 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV M E 590K 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS M E 590L 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MECHANICAL ENGINEERING

(CONTINUED)

SPL TOPIC TRIBOLOGY M E 590M 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV MTHD M E 590N 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT M E 590O 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR M E 590P 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG M E 590Q 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NUCLEAR ENG M E 590R 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM M E 590S 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOP EXP GAS DYN M E 690A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLUID MECH M E 690B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF M E 690C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC THERMODYN M E 690D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP TURBOMACHIN M E 690E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VEHI PROPUL M E 690F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TP ADV MACH DSN M E 690G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTRL M E 690I VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV M E 690K VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS M E 690L VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC TRIBOLOGY M E 690M VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV MTHD M E 690N VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT M E 690O VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR M E 690P VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG M E 690Q VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M E 697 R CREDIT  
Prereq: PERMISSION OF DIRECTOR OF GRADUATE  
EDUCATION, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
8151005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH M E 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## METEOROLOGY

INTRO METEOROLOGY MTEOR 206 3 CREDITS  
5375600 XW ARRANGED FLORY D  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

COOPERATIVE EDUCATN MTEOR 298 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
4813005 ARRANGED  
MEETS: MAY 16-AUG 5

## METEOROLOGY

(CONTINUED)

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS  
Prereq: 311; JR OR SR STANDING; PERMISSION OF  
COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY  
Satisfactory-Fail Only.  
5381005 ARRANGED  
MEETS: MAY 16-AUG 5

COOPERATIVE EDUCATN MTEOR 398 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
4823005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8424005 ARRANGED  
MEETS: MAY 16-AUG 5

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8425005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8426005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
1010005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8668005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STU CLIMATE/WTR MTEOR 490F 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
3583005 ARRANGED  
MEETS: MAY 16-AUG 5

COOPERATIVE EDUCATN MTEOR 498 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
4824005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8427005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8429005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8430005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8431005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
8432005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8433005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8434005 ARRANGED  
MEETS: MAY 16-AUG 5

## METEOROLOGY

(CONTINUED)

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8435005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8437005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
1230005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3901005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3904005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8669005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH MTEOR 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MICROBIOLOGY

BIOL MICROORGANISMS MICRO 302 3 CREDITS  
Prereq: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;  
ONE SEMESTER OF CHEMISTRY  
1426600 XW ARRANGED BOURY N  
MEETS: MAY 16-JULY 15  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$216.00  
Cmptr reqmt: <http://www.agde.iastate.edu/support/comp reqs.php>

INDEPENDENT STUDY MICRO 490 1- 5 CREDITS  
Prereq: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR  
ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CREDITS  
Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE  
COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN  
UNIV HONORS PROGRAM  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MICRO 495 1- 2 CREDITS  
Prereq: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE  
COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR  
Satisfactory-Fail Only.  
9679005 ARRANGED  
MEETS: MAY 16-AUG 5

SPECIAL TOPICS MICRO 590 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT MICRO 697 VAR. CREDITS  
7161005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH MICRO 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MILITARY SCIENCE

IND STDY: BASIC MILI M S 290 1- 3 CREDITS  
Prereq: PERMISSION OF THE M S DEPT CHAIR  
Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL  
COURSES MAY BE APPLIED TOWARD GRADUATION  
8153005 ARRANGED  
MEETS: MAY 16-AUG 5

## MILITARY SCIENCE

(CONTINUED)

IND STDY:ADV MIL ST M S 490 1 CREDIT  
 Prereq: M S 301, 302, 401, 402, PERMISSION  
 OF THE MILITARY SCIENCE DEPARTMENT CHAIR  
 9598005 ARRANGED  
 MEETS: MAY 16-AUG 5

**MOLECULAR CELLULAR DEV BIOLOGY**

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS  
 Satisfactory-Fail only.  
 7278005 ARRANGED  
 MEETS: MAY 16-JULY 8

RESEARCH MCDB 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MUSIC**

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS  
 Note: Meets international perspectives reqmt  
 5406005 A MTWRF 9:50-11:50 STUART D  
 MEETS: JUNE 13-JULY 8

5406010 B ARRANGED TAM T  
 MEETS: MAY 16-AUG 5

Note: Course delivery is WWW  
 5406600 XW ARRANGED TAM T  
 MEETS: JUNE 13-AUG 5

Note: FOR PERMISSION TO REGISTER, PLEASE CONTACT  
 TIN-SHI TAM AT TSTAM@IASTATE.EDU OR 515-294-9818.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

(CONTINUED)

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 Professional support fee \$250.00-\$550.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN  
 UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

(CONTINUED)

ADV ENSEMB WOODWDS MUSIC 321F 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG JAZZ PERF MUSIC 415J 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY EDUCATN MUSIC 490A VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

(CONTINUED)

SPECIAL TOPICS EDUC MUSIC 590A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY MUSIC 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**NATURAL RESOURCE ECOLOGY AND MGMT**

INTERNSHIP NREM 303 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, SOPH STANDING  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD INTERNSHP NREM 303I 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND SOPHOMORE  
STANDING  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
4355005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL NREM 490I 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATION AND PERMISSION OF  
INSTRUCTOR  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
8987005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

INTERNATIONL TRAVEL NREM 496A 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
2596800 CN ARRANGED SCHULTZ R  
MEETS: MAY 11-30  
Note: SEC CN TAUGHT IN CHINA. THE OTHER CHINA:  
UNDERSTANDING THE CHALLENGES OF RURAL CHINA.  
STUDY ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies  
2596805 KP ARRANGED SCHULTZ T  
MEETS: MAY 9-22  
Note: SEC KP TAUGHT IN SOUTH KOREA. NATURAL  
RESOURCES, AGRICULTURE, CULTURE & DEVELOPMENT  
IN SOUTH KOREA. STUDY ABROAD EXPERIENCE OFFERED  
FOR 3 CREDITS SUMMER 2011  
Study Abroad Administrative Fee Applies

AQUATIC ECOLOGY NREM 508I 4 CREDITS  
Prereq: COURSES IN ECOLOGY, CHEMISTRY, & PHYSICS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3861005 MTWRF 8:00-5:00  
MEETS: MAY 23-JUNE 17  
Note: Tuition Category: Iowa Lakeside Lab

## NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

INTRO DNA TECHNIQS NREM 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
3744005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 13-28

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
3806005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 7-22

SPL TOPCS ANIML ECO NREM 590A 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT NREM 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CREDITS  
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2011  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## NAVAL SCIENCE

INDEPENDENT STUDY N S 490 1- 3 CREDITS  
Prereq: SENIOR CLASSIFICATION AND PRIOR APPROVAL  
OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE  
Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## NEUROSCIENCE

RESEARCH NEURO 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## NUCLEAR ENGINEERING

NUCLR RAD THRY&ENGR NUC E 401 3 CREDITS  
Prereq: PHYS 222, MATH 266 OR 267  
Note: Available for nonmajor graduate credit  
7741005 MTRF 8:40-10:00  
MEETS: MAY 16-JUNE 24

## NUTRITIONAL SCIENCES

SHORT COURSE NUTRS 505 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
7836005 MTRF 10:00-12:00  
W 5:00-8:00PM  
MEETS: AUG 1-5

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
8628005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 13-28

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
8644005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 7-22

RESRCH NUTRITNL SCI NUTRS 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## OPERATIONS AND SUPPLY CHAIN MGMT

INDEPENDENT STUDY OSCM 490 1- 3 CREDITS  
Prereq: OSCM 320, SENIOR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY OTS 510 8 CREDITS  
7535005 ARRANGED

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS  
7544005 ARRANGED

## PERFORMING ARTS

PERFORM ARTS INTERN PERF 310 R CREDIT  
Satisfactory-Fail Only.  
3677005 ARRANGED  
MEETS: MAY 16-AUG 5

PERFRM ARTS SEMINAR PERF 401 2 CREDITS  
Note: Available for nonmajor graduate credit  
3706005 ARRANGED  
MEETS: MAY 16-JULY 8

## PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS  
5824005 A MTRF 9:50-11:50  
MEETS: MAY 16-JUNE 10

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS  
5827005 A MTRF 9:50-11:50  
MEETS: MAY 16-JUNE 10

5827010 B MTRF 9:50-11:50  
MEETS: MAY 16-JUNE 10

PHILOSOPHY OF LAW PHIL 332 3 CREDITS  
Prereq: 201 OR 230  
Note: Available for nonmajor graduate credit  
Instructor permission required 1st week.  
5836005 MTRF 9:50-11:10  
MEETS: MAY 16-JUNE 24

PHIL OF TECHNOLOGY PHIL 343 3 CREDITS  
Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341  
AND 3 CREDITS OF SOCIAL SCIENCE  
Note: Available for nonmajor graduate credit  
7343005 A MTRF 9:50-11:50  
MEETS: MAY 16-JUNE 10

INDEPENDENT STUDY PHIL 490 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,  
APPROVAL OF CHAIR  
Note: 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 CREDITS  
Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,  
APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: 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 CREDIT  
Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING 1'11  
Satisfactory-Fail Only.  
3891005 ARRANGED  
MEETS: MAY 16-AUG 5

TCHRS BIOETHC WKSHP PHIL 548X 1 CREDIT  
8903600 XA MTRF 8:00-5:00 WOLF C  
MEETS: JUNE 20-23  
Note: FOR PERMISSION TO REGISTER, PLEASE CONTACT LORI  
MILLER AT LORIMILL@IASTATE.EDU OR 515-294-9818.  
Department permission required.  
Section XA is off campus  
Course delivery is On-site instruction  
Delivery fee \$75.00

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
5850005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
5851005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
Note: Instructor permission required.  
5852005 ARRANGED  
MEETS: MAY 16-AUG 5

## PHILOSOPHY

(CONTINUED)

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
5853005 ARRANGED  
MEETS: MAY 16-AUG 5

## PHYSICS

GENERAL PHYSICS PHYS 111 4 CREDITS  
Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF  
GEOMETRY, 1 SEMESTER OF TRIGONOMETRY  
Note: IF A STUDENT ENROLLED IN 111 FOR SPRING 2011  
REGISTERS FOR 111 FOR SUMMER 2011 BEFORE SPRING 2011  
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM  
THE STUDENT'S SCHEDULE.

5857005 1 MTWR 12:10-1:10  
TWRF 9:50-10:50  
MW 7:30-9:40  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

5857010 2 MTWR 12:10-1:10  
TWRF 11:00-12:00  
MW 1:20-3:30  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

5857015 3 MTWR 12:10-1:10  
TWRF 11:00-12:00  
MW 3:40-5:50  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

GENERAL PHYSICS PHYS 112 4 CREDITS

Prereq: 111

Note: IF A STUDENT ENROLLED IN 112 FOR SPRING 2011  
REGISTERS FOR 112 FOR SUMMER 2011 BEFORE SPRING 2011  
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  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

5858010 2 MTWRF 1:20-2:20  
TR 9:50-10:50  
MW 2:30-4:40  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

INTR CLASSCL PHYS I PHYS 221 5 CREDITS

Prereq: CREDIT OR ENROLLMENT IN MATH 166

Note: IF A STUDENT ENROLLED IN 221 FOR SPRING 2011  
REGISTERS FOR 221 FOR SUMMER 2011 BEFORE SPRING 2011  
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  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

5861010 2 MTWRF 9:50-10:50  
MWF 8:40-9:40  
R 2:30-4:40  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

INTR CLASS PHYS II PHYS 222 5 CREDITS

Prereq: 221, MATH 166

Note: IF A STUDENT ENROLLED IN 222 FOR SPRING 2011  
REGISTERS FOR 222 FOR SUMMER 2011 BEFORE SPRING 2011  
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  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

5863010 2 MTWRF 11:00-12:00  
WF 9:50-10:50  
TR 8:40-10:50  
MEETS: JUNE 13-AUG 5

Note: Materials and professional support fee \$75.00

INDEPENDENT STUDY PHYS 290 1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS

Prereq: PERMISSION OF INSTRUCTOR  
5886005 1 ARRANGED  
MEETS: JUNE 13-AUG 5

UNDERGRAD RESEARCH PHYS 450 1- 6 CREDITS

Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PHYSICS

(CONTINUED)

UNDERGRAD RESEARCH PHYS 450L 1- 6 CREDITS  
Prereq: 311, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT PHYS 599 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYS 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PLANT BIOLOGY

RESEARCH PLBIO 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PLANT PATHOLOGY

INDEP STDY PLT PATH PL P 490A 1- 3 CREDITS  
Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN  
BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE  
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
FOR GRADUATION

3152005 ARRANGED  
MEETS: MAY 16-AUG 5

HONORS INDEP STUDY PL P 490H 1- 3 CREDITS  
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL  
SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM  
Note: 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  
MEETS: MAY 16-AUG 5

SPECIAL TOPICS PL P 590 1- 3 CREDITS  
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION  
5953005 ARRANGED  
MEETS: MAY 16-AUG 5

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS  
5960005 ARRANGED  
MEETS: MAY 16-AUG 5

## POLITICAL SCIENCE

INTR AMERIC GOVERN POL S 215 3 CREDITS  
5961005 A MTWRF 8:40-10:00  
MEETS: MAY 16-JUNE 24

INTRO ETHICS&POLTCS POL S 235 3 CREDITS  
Prereq: SOPHOMORE STANDING  
5715005 A MTWRF 11:00-12:20  
MEETS: MAY 16-JUNE 24

INTR CMPAR GOVT&POL POL S 241 3 CREDITS  
Note: Meets international perspectives reqmt  
5963005 A MTWRF 1:20-3:30  
MEETS: MAY 16-JUNE 10

INTERNATL RELATIONS POL S 315 2 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: 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  
MEETS: JUNE 13-24  
Note: SECTION A TOPIC: THE COLD WAR  
8813010 B MTWRF 9:50-11:50  
MEETS: JUNE 27-JULY 8  
Note: SECTION B TOPIC: THE VIETNAM WAR

POLIT COASTAL AREAS POL S 442 3 CREDITS  
8488600 XW ARRANGED SCHMIDT S  
MEETS: MAY 16-JUNE 10  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

IND STUDY AMER GOVT POL S 490A VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## POLITICAL SCIENCE (CONTINUED)

IND STDY THRY&METHD POL S 490B VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS  
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG  
Note: 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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS  
Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POL SCI INTERNSHIP POL S 499 VAR. CREDITS  
Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR  
Note: USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POLIT COASTAL AREAS POL S 542 3 CREDITS  
8498600 XW ARRANGED SCHMIDT S  
MEETS: MAY 16-JUNE 10  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$225.00

SPL TOP US P INSTIT POL S 590A 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PUBLIC LAW POL S 590B 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT POL S 590D 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## POLITICAL SCIENCE (CONTINUED)

SPL TOP INT'L RELAT POL S 590E 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POL PARTIES POL S 590F 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUB POL&ADM POL S 590G 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST WEEK. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PUBLIC ADMIN INTERN POL S 598 3- 6 CREDITS  
4540005 ARRANGED  
MEETS: MAY 16-AUG 5  
Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION

CREATIVE COMPONENT POL S 599 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM PUB ADMIN&POLCY POL S 610G 3 CREDITS  
Prereq: 15 CREDITS IN POLITICAL SCIENCE  
Note: Instructor permission required 1st week.  
6059005 1 TR 8:40-1:40  
MEETS: REVISE DATES  
Note: SECTION 1 TOPIC: STRATEGIC PERSONNEL MANAGEMENT

RESEARCH POL S 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PORTUGUESE

INDEPENDENT STUDY PORT 490 1- 6 CREDITS  
Prereq: 6 CR IN PORT; PERMISSION OF DEPT CHAIR  
Note: NO MORE THAN 9 CREDITS IN PORT 490 MAY BE APPLIED TOWARD GRADUATION  
Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS  
6069005 A MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8  
6069010 B MTWRF 8:40-9:40  
MEETS: JUNE 13-AUG 5

ACAD LEARNG SKILLS PSYCH 131 1 CREDIT  
Satisfactory-Fail Only.  
6071005 A TR 3:00-4:00, ARRANGED  
MEETS: JUNE 13-AUG 5  
Note: SECTION A FOR APEX PROGRAM STUDENTS ONLY

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS  
6072005 A MTWRF 9:50-10:50  
MEETS: JUNE 13-AUG 5

RES DSGN & METHODOL PSYCH 301 3 CREDITS  
Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY  
Note: 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  
MEETS: MAY 16-JULY 8

RESRCH METHODS PSYC PSYCH 302 3 CREDITS  
Prereq: 301  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
1173005 A MTWRF 1:20-2:40  
MEETS: MAY 16-JULY 8

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS  
Prereq: 101; BIOL 101, 155, OR 211  
1515005 MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

SENSATION & PERCEPTN PSYCH 312 3 CREDITS  
Prereq: 101  
6079005 MTWRF 1:20-3:20  
MEETS: MAY 16-JUNE 10

LEARNING & MEMORY PSYCH 313 3 CREDITS  
Prereq: 101  
6080005 MTWRF 11:00-12:00  
MEETS: JUNE 13-AUG 5

## PSYCHOLOGY (CONTINUED)

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS  
Prereq: 101; BIOL 155 OR 211  
6082005 MTWRF 12:10-1:10  
MEETS: MAY 16-JULY 8

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS  
Prereq: TWO COURSES IN PSYCH INCLUDING 101  
Note: Meets U.S. diversity reqmt  
6085005 MTWRF 12:10-1:10  
MEETS: MAY 16-JULY 8

PSYCHOL OF RELIGION PSYCH 348 3 CREDITS  
Prereq: NINE CREDITS IN PSYCHOLOGY  
7034005 MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS  
Prereq: 301 AND 9 CR IN PSYCH, STAT 101  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
Available for nonmajor graduate credit  
6099005 A MTWRF 9:50-11:10  
MEETS: MAY 16-JULY 8

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS  
Prereq: 3 COURSES IN PSYCH INCLUDING 101  
Note: Available for nonmajor graduate credit  
6102005 MTWRF 1:20-2:20  
MEETS: JUNE 13-AUG 5

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS  
Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN  
Note: 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 CREDITS  
Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR  
PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: 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. CREDITS  
Prereq: JR CLASSIFICATION, INSTR PERMISSION,  
CREDIT OR ENROLLMENT IN 301  
Note: 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. CREDITS  
Prereq: JR CLASSIFICATION, 12 CR IN PSYCH,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE  
APPLIED TOWARD A DEGREE IN PSYCHOLOGY. RESTRICTED  
TO JUNIORS AND SENIORS ONLY.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL PSYCH 590R VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT  
Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF  
INSTRUCTOR  
7659005 ARRANGED  
MEETS: MAY 16-AUG 5

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL PSYCH 691E VAR. CREDITS  
Prereq: 626, 691A, INSTRUCTOR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELNG PSYCH 691F VAR. CREDITS  
Prereq: 691A, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CREDITS  
Prereq: 633, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PSYCHOLOGY (CONTINUED)

INTERN COUNSELING PSYCH 697 R CREDIT  
Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH  
PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN  
6182005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH PSYCH 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**RELIGIOUS STUDIES**

INTRO WRLD RELIGION RELIG 205 3 CREDITS  
Note: Meets international perspectives reqmt  
6109005 A MTWRF 12:10-2:10  
MEETS: MAY 16-JUNE 10

RELIGION IN AMERICA RELIG 210 3 CREDITS  
Note: Meets U.S. diversity reqmt  
6188005 A MTWRF 11:00-1:00  
MEETS: MAY 16-JUNE 10  
6188010 B MTWRF 8:40-10:40  
MEETS: MAY 16-JUNE 10

PSYCHOL OF RELIGION RELIG 348 3 CREDITS  
Prereq: NINE CREDITS IN PSYCHOLOGY  
7036005 MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS  
Prereq: 6 CR IN RELIGIOUS STUDIES, PERMISSION  
OF INSTRUCTOR, APPROVAL OF PROF IN CHARGE OF PROGRAM  
Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CREDITS  
Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,  
APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,  
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE  
APPLIED TOWARD GRADUATION. RESTRICTED TO HONORS  
PROGRAM STUDENTS ONLY.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PEACE&JUSTIC INTERN RELIG 499 1- 6 CREDITS  
Prereq: 3 CREDITS IN RELIGIOUS STUDIES,  
PERMISSION OF FACULTY INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
7740005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Department permission required.

SPL TOP RELIG STUDI RELIG 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG  
3617005 1 ARRANGED  
MEETS: MAY 16-AUG 5  
3617030 SD ARRANGED DEW S  
MEETS: MAY 16-AUG 5

**RESEARCH & EVALUATION**

SPECIAL TOPICS RESEV 590 1- 3 CREDITS  
Prereq: GRADUATE STANDING  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRVSD FIELD EXPER RESEV 591X 2- 4 CREDITS  
Prereq: 553 OR 680  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURRENT TOPICS RESEV 615 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
6221005 ARRANGED  
MEETS: MAY 16-AUG 5

COLLEGE ACCESS RESEV 620X 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
8680005 TW 8:00-5:00  
MEETS: MAY 31-JUNE 1

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS  
Prereq: GRADUATE STANDING  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS  
Prereq: GRADUATE STANDING  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**RUSSIAN**

INDEPENDENT STUDY RUS 490 1- 6 CREDITS  
 Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR  
 Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Permission of department chair required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN INTERNSHIP RUS 499 1- 3 CREDITS  
 Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;  
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND  
 CULTURES INTERNSHIP COORDINATOR  
 Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE  
 APPLIED TOWARD GRADUATION IN THE MAJOR  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**SOCIOLOGY**

INTRO TO SOCIOLOGY SOC 134 3 CREDITS  
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION  
 6346005 A MTWRF 9:50-11:50  
 MEETS: MAY 16-JUNE 10

YOUTH & CRIME SOC 241 3 CREDITS  
 Prereq: 130 OR 134  
 6350600 XW ARRANGED HOCHSTETLER A  
 MEETS: JUNE 13-JULY 8  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS  
 Prereq: 130 OR 134  
 6355005 A MTWRF 8:40-10:40  
 MEETS: JUNE 13-JULY 8

COMMUNITY SOC 310 3 CREDITS  
 Prereq: 130 OR 134  
 6321005 A MTWRF 9:50-11:50  
 MEETS: JUNE 13-JULY 8

SEX&GENDER IN SOCIE SOC 327 3 CREDITS  
 Prereq: 130 OR 134  
 Note: Meets U.S. diversity reqmt  
 6356005 A MTWRF 9:50-11:50  
 MEETS: MAY 16-JUNE 10

CRIMINOLOGY SOC 341 3 CREDITS  
 Prereq: 130 OR 134  
 4718600 XW ARRANGED HOCHSTETLER A  
 MEETS: JUNE 13-AUG 5  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

POLICE AND SOCIETY SOC 351 3 CREDITS  
 Prereq: 241 OR CJ ST 240  
 7743600 XW ARRANGED MONAHAN B  
 MEETS: JUNE 14-AUG 6  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

PNISH,CORECTIN&SOCIE SOC 352 3 CREDITS  
 Prereq: 241 OR CJ ST 240  
 7760600 XW ARRANGED DELISI M  
 MEETS: MAY 16-JUNE 10  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS  
 Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST  
 COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR  
 Note: 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.  
 Satisfactory-Fail Only.  
 6370005 A ARRANGED  
 MEETS: MAY 16-AUG 5

INDEP STUDY GEN SOC SOC 490A 1- 3 CREDITS  
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR  
 Note: 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

**SOCIOLOGY**

(CONTINUED)

IND STUDY RURAL SOC SOC 490B 1- 3 CREDITS  
 Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION  
 Note: 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 CREDITS  
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: 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

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS  
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS  
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GENERL SOC SOC 699A 1- 8 CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**SOFTWARE ENGINEERING**

COOPERATIVE EDUCATN S E 298 R CREDIT  
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP S E 396 R CREDIT  
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN S E 398 R CREDIT  
 Prereq: 298, PERMISSION OF DEPT & CAREER SERVICES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY S E 490 VAR. CREDITS  
 Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN S E 498 R CREDIT  
 Prereq: 398, PERMISSION OF DEPT & CAREER SERVICES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**SPANISH**

ELEMENTRY SPANISH I SPAN 101 4 CREDITS  
 6473005 1 MTWRF 8:40-11:40  
 MEETS: MAY 16-JUNE 10  
 Note: Materials and equipment use fee \$25.00  
 6473010 2 MTWRF 12:10-3:10  
 MEETS: MAY 16-JUNE 10  
 Note: Materials and equipment use fee \$25.00

ELEM SPANISH II SPAN 102 4 CREDITS  
 Prereq: 101, 97 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: Meets international perspectives reqmt  
 6474005 1 MTWRF 8:40-11:40  
 MEETS: JUNE 13-JULY 8  
 Note: Materials and equipment use fee \$25.00  
 6474010 2 MTWRF 12:10-3:10  
 MEETS: JUNE 13-JULY 8  
 Note: Materials and equipment use fee \$25.00

INTR SPANSH PHONOLG SPAN 352 3 CREDITS  
 Prereq: 301, 303 OR 304  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 3382005 1 ARRANGED  
 MEETS: JUNE 13-JULY 8  
 Note: Course delivery is WWW  
 Materials and equipment use fee \$25.00

STUDY ABROAD SPAN 395 1-10 CREDITS  
 Prereq: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT  
 Note: Meets international perspectives reqmt  
 Department permission required.  
 6489025 RG ARRANGED  
 MEETS: MAY 23-JULY 7  
 Note: SECTION RG IS REGENTS STUDY ABROAD IN PERU.  
 OFFERED FOR 6 CREDITS.  
 Tuition Category: Regents Summer Study Abroad

## SPANISH

(CONTINUED)

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS  
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR  
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION  
Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS  
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011. NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR.  
Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPANISH LIT SPAN 590A 1- 4 CREDITS  
Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2011  
2572005 DB ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

SPL TOP LANG PEDAGY SPAN 590C 1- 4 CREDITS  
Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN  
3905800 SP ARRANGED WILHELM J  
MEETS: JUNE 9-25  
Note: SEC SP TAUGHT IN CACERES, SPAIN. SUMMER SEMINAR IN SPAIN FOR SPANISH TEACHERS. STUDY ABROAD SUMMER 2011 OFFERED FOR 2 CREDITS  
Study Abroad Administrative Fee Applies

**SPECIAL EDUCATION**

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS  
Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR  
Note: Department permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TCH EXCPNTNLT GEN ED SP ED 501 3 CREDITS  
Prereq: BACCALAUREATE DEGREE  
2607005 1 F 5:30-8:00PM  
S 8:00-4:00  
MEETS: MAY 13-JUNE 11

RDNG MILD/MO DISABL SP ED 553 3 CREDITS  
Prereq: TEACHING LICENSE  
7663005 1 MTWR 9:00-11:30  
MEETS: JUNE 6-30

CAREER ED DISAB YTH SP ED 555 2 CREDITS  
Prereq: 510 OR 511  
4418005 TWR 8:40-11:00  
ARRANGED  
MEETS: JUNE 13-JULY 8

CLSRM MGT/BEHVR SUP SP ED 560 3 CREDITS  
Prereq: TEACHING LICENSE  
6469005 MTWR 8:40-10:50  
S 9:00-3:00  
MEETS: JULY 11-AUG 5  
Note: ONLY SATURDAY MTG IS JULY 23  
6469600 XE MTWRS 8:40-10:05 LIND L  
MEETS: JULY 11-AUG 4  
Note: CONTACT LINDA LIND FOR PERMISSION TO REGISTER AT 515-230-5266/LSLIND@IASTATE.EDU. ON CAMPUS MEETING FOR ALL PARTICIPANTS ON SATURDAY, JULY 23, 2011 FROM 9 AM TO 3 PM.  
Instructor permission required.  
Section XE is off campus  
Course delivery is Videostreaming  
Secondary delivery is On-site instruction  
Delivery fee \$50.00

SPECIAL TOPICS SP ED 590 1- 5 CREDITS  
Prereq: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP BHV/DIS,K12 SP ED 591K 1- 6 CREDITS  
Prereq: 15 GRAD CREDITS IN SPECIAL AREA;  
ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION  
Note: COURSE RESTRICTED TO C I MAJORS ONLY  
Professional support, field trips &/or travel fee \$33.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CREDITS  
Prereq: 15 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CREDITS  
Prereq: 15 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS  
8643010 1 MTWRF 7:30-9:40  
MTWRF 9:50-12:00  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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 AND 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  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643020 3 MTWRF 9:50-12:00  
MTWRF 9:50-12:00  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643025 4 MTWRF 9:50-12:00  
MTWRF 9:50-12:00  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643030 5 MTWRF 12:10-2:20  
MTWRF 9:50-12:00  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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>

8643035 6 MTWRF 12:10-2:20  
MTWRF 9:50-12:00  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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. 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  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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. 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  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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  
MEETS: MAY 16-JUNE 10  
Note: ON MAY 16 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  
MEETS: JUNE 13-AUG 5  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

## SPEECH COMMUNICATION (CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS  
8643080 12 MWF 7:30-9:10  
MEETS: JUNE 13-AUG 5  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643085 13 MWF 9:50-11:30  
MEETS: JUNE 13-AUG 5  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643090 14 MWF 9:50-11:30  
MEETS: JUNE 13-AUG 5  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS  
Prereq: 3 CR IN SP CM; PERMISSN OF DEPT CHAIR  
Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COMM FOR CLSRM TCHR SP CM 313 3 CREDITS  
Prereq: 212  
6430005 MTWRF 12:10-2:20  
MEETS: JUNE 13-JULY 8

GENDER & COMMUNICTN SP CM 323 3 CREDITS  
Prereq: 212  
Note: Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
2640005 MTWRF 12:10-2:20  
MEETS: MAY 16-JUNE 10

PERSUASION SP CM 327 3 CREDITS  
Prereq: 212  
Note: Available for nonmajor graduate credit  
6437005 MTWRF 9:50-12:00  
MEETS: MAY 16-JUNE 10

SEMINAR SPEECH COMM SP CM 404A 3 CREDITS  
Prereq: 15 CREDITS IN SPEECH COMMUNICATION  
Note: COURSE RESTRICTED TO JUNIORS AND ABOVE  
3369005 MTWRF 2:30-4:40  
MEETS: MAY 16-JUNE 10

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS  
Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN, PERMISSION OF DEPT. CHAIR  
Note: PERMISSION OF AMY SLAGELL REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENRL SC. NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR.  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS  
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  
Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR SPEECH COMM SP CM 504A 3 CREDITS  
6448005 MTWRF 2:30-4:40  
MEETS: MAY 16-JUNE 10

SPECIAL TOPICS SP CM 590 1- 4 CREDITS  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## STATISTICS (CONTINUED)

INTRO STAT FOR ENGR STAT 105 3 CREDITS  
Prereq: MATH 165 (OR 165H)  
Note: CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 226. RESTRICTED TO A B E, A E, AE EM, AER E, CCE, C E, CCE E, CH E, CON E, CPR E, E CPE, E E, ENGR, ENGRS, I E, IMSE, M E, MAT E, MTEOR, SYS E MAJORS ONLY.  
6504005 A MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8

INTR BUSINES STAT I STAT 226 3 CREDITS  
Prereq: MATH 150 OR 165  
Note: COURSE RESTRICTED TO ACCT, BUS S, BUSAD, BUS U, FIN, I BUS, LOMIS, LSCM, MGMT, MIS, MKT, OSCM, P BUS, SCIS, 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  
MEETS: MAY 16-JULY 8  
3975010 B MTWRF 8:40-9:40  
MEETS: MAY 16-JULY 8

ENGINEERING STAT STAT 305 3 CREDITS  
Prereq: MATH 165 (OR 165H)  
Note: CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
6509005 A MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8  
Note: Instructor permission required 1st week.

INTR BUSINS STAT II STAT 326 3 CREDITS  
Prereq: 226  
6510005 A MWR 8:40-9:40  
TF 8:40-10:40  
MEETS: MAY 16-JULY 8

PROBAB&STAT COM SCI STAT 330 3 CREDITS  
Prereq: MATH 166  
Note: Available for nonmajor graduate credit  
7372005 A MTWRF 9:50-10:50  
MEETS: MAY 16-JULY 8

STAT METH FOR RSRCH STAT 401 4 CREDITS  
Prereq: 101 OR 104 OR 105 OR 226. GRAD STUDENTS WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.  
Note: CREDIT FOR EITHER DIBT 554 OR STAT 401, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
Available for nonmajor graduate credit  
6514005 A MTWRF 8:40-9:40  
MR 1:20-3:20  
MEETS: JUNE 13-AUG 5  
Note: SECTION A FOR SOCIAL SCIENCES  
6514010 B MTWRF 8:40-9:40  
TF 12:10-2:10  
MEETS: MAY 16-JULY 8  
Note: SEC B FOR BIOLOGICAL AND PHYSICAL SCIENCES

STAT THEORY FOR RES STAT 447 4 CREDITS  
Prereq: MATH 151 AND INST PERMISSION, OR MATH 265  
Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
Available for nonmajor graduate credit  
6523005 MTRF 8:40-10:20  
W 8:40-10:20  
MEETS: MAY 16-JULY 8  
Note: WEDNESDAY MEETINGS ONLY ON DATES WHEN EXAMS AND TUTORIALS ARE TO BE GIVEN

INDEPENDENT STUDY STAT 490 VAR. CREDITS  
Prereq: 10 CREDITS IN STATISTICS  
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY STAT 590A VAR. CREDITS  
6554005 ARRANGED  
MEETS: MAY 16-AUG 5

SPCL TOPICS METHODS STAT 590B VAR. CREDITS  
6555005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP DESGN EXPER STAT 590C VAR. CREDITS  
6556005 ARRANGED  
MEETS: MAY 16-AUG 5

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS  
6557005 ARRANGED  
MEETS: MAY 16-AUG 5

COOPERATIVE EDUCATN STAT 598 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT CHAIR  
4153005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Permission of department chair required.

## STATISTICS

PRIN OF STATISTICS STAT 101 4 CREDITS  
Prereq: ONE AND A HALF YRS OF H S ALGEBRA  
Note: 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  
MEETS: MAY 16-JULY 8  
6502010 B MTWRF 8:40-9:40  
MR 12:10-2:10  
MEETS: MAY 16-JULY 8

INTRO TO STATISTICS STAT 104 3 CREDITS  
Prereq: 1 & 1/2 YRS OF H S ALGEBRA  
Note: 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.  
6503005 A MWF 8:40-9:40  
TF 1:20-3:20  
MEETS: MAY 16-JULY 8

## STATISTICS (CONTINUED)

CREATIVE COMPONENT STAT 599 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6851005 1 ARRANGED  
 MEETS: MAY 16-AUG 5

RESEARCH STAT 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SUPPLY CHAIN MANAGEMENT**

SUPPLY CHAIN MGMT SCM 301X 3 CREDITS  
 Prereq: ECON 101, STAT 226  
 Note: NOT OPEN TO P BUS MAJORS  
 1629005 A1 MTWRF 2:30-4:30  
 MEETS: MAY 16-JUNE 10  
 Note: SECTION A1 RESTRICTED TO ACCT, AG B, AST, BUS S,  
 BUS U, BUSEC, FIN, I BUS, I TEC, LSCM, MGMT, MIS,  
 MKT, OSCM MAJORS ONLY  
 1629010 A2 MTWRF 2:30-4:30  
 MEETS: MAY 16-JUNE 10  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN  
 ACCT, AG B, AST, BUS S, BUS U, BUSAD, BUSEC, FIN,  
 I R, I TEC, INFAS, LOMIS, LSCM, MGMT, MIS, MKT, OSCM,  
 P BUS, SCM, SCIS MAJORS

SPECIAL TOPICS SCM 590 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM I SCM 650 1 CREDIT  
 Prereq: ENROLLMENT IN THE PH D PROGRAM  
 8057005 A ARRANGED  
 MEETS: MAY 16-AUG 5

RSEARCH PRACTICUM II SCM 651 1 CREDIT  
 Prereq: ENROLLMENT IN THE PH D PROGRAM  
 8058005 A ARRANGED  
 MEETS: MAY 16-AUG 5

**SUSTAINABLE AGRICULTURE**

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SUSAG 599 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SUSAG 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**TECHNOLOGY & SOCIAL CHANGE**

WORLD FOOD ISSUES T SC 342 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 5256600 XW ARRANGED FORD C  
 MEETS: MAY 16-JULY 8  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

PHIL OF TECHNOLOGY T SC 343 3 CREDITS  
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341  
 AND 3 CREDITS OF SOCIAL SCIENCE  
 Note: Available for nonmajor graduate credit  
 5211005 A MTWRF 9:50-11:50  
 MEETS: MAY 16-JUNE 10

INDEPENDENT STUDY T SC 490 VAR. CREDITS  
 Prereq: 341, PERMISSION OF INSTRUCTR & T SC COORD  
 Note: Permission of coordinator required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS  
 Prereq: 541, PERMISSN OF INSTRUCTOR & T SC COORD  
 Note: Permission of coordinator required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**TECHNOLOGY SYSTEMS MANAGEMENT**

TECHNOLGY INTERNSHP TSM 397 R CREDIT  
 Prereq: AT LEAST 45 CREDITS OF COURSEWORK, IN AST  
 OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS  
 Prereq: 397 AND APPROVAL OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFFCTV TSM 409 3 CREDITS  
 Prereq: JUNIOR OR SENIOR STANDING  
 Note: Available for nonmajor graduate credit  
 5920005 A MTWRF 8:30-5:30  
 MEETS: MAY 9-20  
 Note: MEETS 8:30-4:30 MAY 9-13; MEETS 1-5:30 MAY 16-20

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION.  
 RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MANUFACTRG TSM 490I 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOSYS MGT TSM 490J 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: PERMISSION OF DEPARTMENT REQUIRED TO ADD.  
 PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES  
 CENTER. NO MORE THAN 4 CREDITS OF TSM 490 MAY BE  
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
 GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN SYS TSM 490M 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 490O 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY TRAVEL TSM 496B R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 9385800 UG ARRANGED BRUMM T  
 MEETS: JUNE 6-JULY 8  
 Note: SEC UG TAUGHT IN UGANDA, KAMULI DISTRICT &  
 KAMPALA. CREATING A SCHOOL GARDEN: SERVICE  
 LEARNING IN UGANDA STUDY ABROAD SUMMER 2011  
 Study Abroad Administrative Fee Applies

SPL TP ANIM ENV/AIR TSM 590A 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL TSM 590C 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IND MANUFAC TSM 590I 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590M 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

SPL TOP OCCUP SAFET TSM 5900 1- 4 CREDITS  
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOIL&WATER TSM 590S 1- 4 CREDITS  
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TRAIN&DEV TSM 590Y 1- 4 CREDITS  
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH COMM TSM 598 1 CREDIT  
Satisfactory-Fail Only.  
1911005 ARRANGED  
MEETS: MAY 16-AUG 5

CREATIVE COMPONENT TSM 599 1- 3 CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CURRIC DEV TEC&ENGR TSM 657 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
4588005 ARRANGED  
MEETS: MAY 16-AUG 5

TECHNOLGY INTERNSHP TSM 697 R CREDIT  
Prereq: PERMISSION OF MAJOR PROFESSOR AND  
APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
4646005 ARRANGED  
MEETS: MAY 16-AUG 5

DOCTORAL TECH COMM TSM 698 1 CREDIT  
Satisfactory-Fail Only.  
1926005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH TSM 699 VAR. CREDITS  
Note: COURSE ONLY OFFERED FOR 1-6 CREDITS SUMMER 2011  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**TEXTILES & CLOTHING**

DESIGN SEMINAR T C 328 VAR. CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
5692005 1 MTWRF 12:10-3:00  
ARRANGED  
MEETS: MAY 16-JUNE 10  
Note: Materials, field trips &/or travel fee  
\$10.00-\$200.00

HIST 20TH C FASHION T C 356 3 CREDITS  
Prereq: 3 CR HIST OR ART H; T C 204 RECOMMENDED  
4473005 1 ARRANGED  
MEETS: MAY 16-JUNE 10  
Note: Materials and equipment use fee \$5.00-\$55.00

CULTUR PERSPC DRESS T C 362 3 CREDITS  
Prereq: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC  
Note: Meets international perspectives reqmt  
6622005 ARRANGED  
MEETS: JULY 11-AUG 5  
Note: Materials fee \$0.00-\$20.00

FIELD STUDY TRIP T C 380B 1- 2 CREDITS  
Prereq: 9 CR IN T C, JR CLASSIF, MINIMUM 2.0 GPA,  
PERMISSION BY APPLICATION  
Note: Instructor permission required.  
Field trips & travel fee \$100.00-\$4,000.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN T C 398 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR; JR CLASSIFICATN  
1002005 ARRANGED  
MEETS: MAY 16-AUG 5

IND STU TXTL&AP DSN T C 490C VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: Instructor permission required.  
Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY AESTHETICS T C 490D VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2011  
Instructor permission required.  
Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## TEXTILES &amp; CLOTHING (CONTINUED)

IND STU SOC&PSY T C T C 490F VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: Instructor permission required.  
Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY MERCHANDSG T C 490I VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: Instructor permission required.  
Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTR ANALY T C 490K VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: Instructor permission required.  
Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECH DESGN T C 490O VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: Instructor permission required.  
Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY SMALL BUSI T C 490S VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN T C 498 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR; SR CLASSIFICATN  
1003005 ARRANGED  
MEETS: MAY 16-AUG 5

UNDERGRAD RESEARCH T C 499 1- 3 CREDITS  
Prereq: SENIOR CLASSIFICATN, 15 CREDITS IN T C,  
PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

DESIGN SEMINAR T C 528 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2011  
5768005 1 MTWRF 12:10-3:00  
ARRANGED  
MEETS: MAY 16-JUNE 10  
Note: Materials, field trips &/or travel fee  
\$10.00-\$200.00

HIST 20TH C FASHION T C 556 3 CREDITS  
4521005 1 ARRANGED  
MEETS: MAY 16-JUNE 10  
Note: Materials and equipment use fee \$5.00-\$55.00

PRACTCM T C TEACHNG T C 570A VAR. CREDITS  
Prereq: 510, 6 GRAD CREDITS IN T C, PERMISSION  
OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2011  
6660005 ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Materials fee \$0.00-\$15.00

SPL TOP TEXTILE SCI T C 590A VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN T C 590C VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM T C 590E VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP T C 590F VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV T C 590G VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG T C 590I VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## TEXTILES &amp; CLOTHING

(CONTINUED)

SP TOP CULTUR ANALY T C 590K VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS T C 590M VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN T C 590O VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
Note: Materials and equipment use fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN T C 590S VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS T C 690 VAR. CREDITS  
Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN  
OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.  
Note: Materials fee \$0.00-\$50.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH T C 699 VAR. CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CREDITS  
6729005 MTWRF 8:40-9:40  
MEETS: JUNE 13-AUG 5

SPECIAL PROJECTS THTRE 290 1- 3 CREDITS  
Prereq: 3 CREDITS IN THEATRE; PERMISSION OF  
INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL  
Note: Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS  
Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS  
Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN  
PROPOSAL, JUNIOR CLASSIFICATION  
Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS  
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 CREDITS  
Prereq: APPROVED WRITTEN PROPOSAL  
Note: Permission of department chair required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CREDIT  
7126005 Prereq: PERMISSION OF INSTRUCTOR  
1 ARRANGED  
MEETS: MAY 16-AUG 5

CLIN & DIAGNOS TOXIC TOX 546 1- 3 CREDITS  
1231005 Prereq: DVM DEGREE OR 526  
ARRANGED  
MEETS: MAY 16-AUG 5  
ENSLEY S

SPECIAL TOPICS TOX 590 VAR. CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TOX 699 VAR. CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## TRANSPORTATION

CREATIVE COMPONENT TRANS 599 1- 3 CREDITS  
4160005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH TRANS 699 VAR. CREDITS  
6787005 ARRANGED  
MEETS: MAY 16-AUG 5

## UNIVERSITY STUDIES

INDEPENDENT STUDY U ST 490 VAR. CREDITS  
Prereq: PERMISSION OF THE ASSOCIATE PROVOST  
Note: PERMISSN OF ASSOC PROVOST FOR UNDERGRAD PROGRAMS  
REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## VET DIAGNOSTIC &amp; PRODUCTION AN MED

AN WLFARE JDG&ASSESS VDPAM 365X 2 CREDITS  
9572005 ARRANGED  
MEETS: MAY 16-AUG 5  
MILLMAN S

PRECPTRSP V MED PRA VDPAM 420 1- 6 CREDITS  
9072005 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
ARRANGED  
THOMPSON J

DAIRY HERD PROBL ID VDPAM 437 2 CREDITS  
6425005 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
ARRANGED  
GORDEN P

MASTITIS PROB INVSTG VDPAM 438 2 CREDITS  
6861005 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
ARRANGED  
GORDEN P

COW&CALF PROB:NUTRI VDPAM 439 2 CREDITS  
6422005 Prereq: 4TH-YEAR CLASSIFICATON IN VET MED  
ARRANGED  
GORDEN P

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS  
4334005 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
ARRANGED  
WEST J

FOOD ANIM FIELD SRV VDPAM 476 2 CREDITS  
8725005 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
OR PERMISSION OF INSTRUCTOR  
MTWRF 8:00-12:00 LEUSCHEN B  
MTWRF 1:00-5:00 LEUSCHEN B

FOOD ANIM MED & SURG VDPAM 477 VAR. CREDITS  
6909005 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
MTWRF 8:00-12:00 LEUSCHEN B  
MTWRF 2:00-5:00 LEUSCHEN B

APPL SWINE PROD MED VDPAM 479 1- 6 CREDITS  
5454005 Prereq: 310  
Note: COURSE RESTRICTED TO VM 4 STUDENTS ONLY  
ARRANGED  
KARRIKER L

SWINE PRODUCTN MED VDPAM 480 2 CREDITS  
5572005 Prereq: 310 OR PERMISSION OF INSTRUCTOR  
ARRANGED  
KARRIKER L

APP BEEF MD WITH VT VDPAM 482A 1- 6 CREDITS  
6598005 Prereq: 310  
ARRANGED  
ENGELKEN T  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.

APP MED BULL BREEDI VDPAM 482B 1- 6 CREDITS  
6610005 Prereq: 310  
ARRANGED  
ENGELKEN T  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.

APPLIED MED CALVING VDPAM 482C 1- 6 CREDITS  
6621005 Prereq: 310  
ARRANGED  
ENGELKEN T  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.

APP MD BF FEEDL MGT VDPAM 482D 1- 6 CREDITS  
6629005 Prereq: 310  
ARRANGED  
ENGELKEN T  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.

APP BF MED WEAN MGT VDPAM 482E 1- 6 CREDITS  
6653005 Prereq: 310  
ARRANGED  
ENGELKEN T  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.

APP BF MD PREG EXAM VDPAM 482F 1- 6 CREDITS  
6694005 Prereq: 310  
ARRANGED  
ENGELKEN T  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.



## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

APP MED BOVIN REPRO VDPAM 482G 1- 6 CREDITS  
Prereq: 310  
6697005 ARRANGED ENGELKEN T  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.

APP MD BF FEEDL MGT VDPAM 482I 1- 6 CREDITS  
Prereq: 310  
7185005 ARRANGED SWEIGER S  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.

BEEF PRODUCTION MED VDPAM 483 2 CREDITS  
Prereq: 310  
5562005 MTWRF 8:00-12:00 ENGELKEN T  
MTWRF 1:00-5:00 ENGELKEN T

DAIRY PRODUCTN MED VDPAM 484 2 CREDITS  
Prereq: 310, 4TH-YEAR CLASSIFICATION IN VET MED  
5609005 MTWRF 8:00-12:00 GORDEN P  
MTWRF 2:00-5:00 GORDEN P

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS  
Prereq: 484  
Note: MULTIPLE ENROLLMENTS ARE ALLOWED. RESTRICTED  
TO VM 4 STUDENTS ONLY.  
5431005 ARRANGED GORDEN P

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
7848005 ARRANGED O'CONNOR A  
7848010 A1 ARRANGED O'CONNOR A  
MEETS: JUNE 20-JULY 5  
Note: SEC A1 TAUGHT ON AUSTRALIA, SYDNEY, CAIRNS, OR  
BRISBANE. VETERINARY MEDICINE IN AUSTRALIA STUDY  
ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS. TRAVEL  
JUNE 20-JULY 5  
Study Abroad Administrative Fee Applies  
7848015 A2 ARRANGED O'CONNOR A  
MEETS: JULY 17-31  
Note: SEC A2 TAUGHT ON AUSTRALIA, SYDNEY, CAIRNS, OR  
BRISBANE. VETERINARY MEDICINE IN AUSTRALIA STUDY  
ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS. TRAVEL  
JULY 17-31  
Study Abroad Administrative Fee Applies  
7848020 A3 ARRANGED O'CONNOR A  
MEETS: AUG 1-15  
Note: SEC A3 TAUGHT ON AUSTRALIA, SYDNEY, CAIRNS, OR  
BRISBANE. VETERINARY MEDICINE IN AUSTRALIA STUDY  
ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS. TRAVEL  
AUG 1-15  
Study Abroad Administrative Fee Applies  
7848800 EC ARRANGED DAVIDSON K  
MEETS: JUNE 6-19  
Note: SEC E1 TAUGHT IN ECUADOR, THE GALAPAGOS  
ISLANDS. VETERINARY MEDICINE IN ECUADOR &  
THE GALAPAGOS STUDY ABROAD SUMMER 2011  
OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies  
7848805 E1 ARRANGED DAVIDSON K  
MEETS: JULY 18-31  
Note: SEC E1 TAUGHT IN ECUADOR, THE GALAPAGOS  
ISLANDS. VETERINARY MEDICINE IN ECUADOR &  
THE GALAPAGOS STUDY ABROAD SUMMER 2011  
OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7389005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 13-28

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7391005 1 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 7-22

CLIN & DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS  
Prereq: DVM DEGREE OR 526  
7676005 ARRANGED ENSLEY S  
MEETS: MAY 16-AUG 5

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS  
Prereq: 455  
4233005 ARRANGED OPRIESSNIG T  
MEETS: MAY 16-AUG 5

## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

SPECIAL TOPICS VDPAM 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 596 1-12 CREDITS  
Prereq: ADMISSION TO GRADUATE COLLEGE  
7868005 ARRANGED  
MEETS: MAY 16-AUG 5

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS  
Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE  
PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SWINE DIAGNOSTC MED VDPAM 650 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6907005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH VDPAM 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## VETERINARY CLINICAL SCIENCES

ONCOLOGY V C S 409 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
9709005 MTWRF 8:00-5:00

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,  
PERMISSION OF DEPARTMENT CHAIR  
1664005 1 ARRANGED REINERTSON E

CANINE REHABILITATN V C S 441 1- 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
9712005 MTWRF 8:00-5:00

CLINICAL NEUROLOGY V C S 446 2 CREDITS  
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
5112005 MTWRF 8:00-5:00 JEFFERY N

CLINICL DERMATOLOGY V C S 452 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
SMALL ANIMAL OPTION  
1931005 Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
MTWRF 8:00-5:00 NOXON J

SMALL ANIMAL MED I V C S 453 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6889005 MTWRF 8:00-5:00 MORRISON J

SMALL ANIMAL MED II V C S 454 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6890005 MTWRF 8:00-5:00 MORRISON J

SM AN SOFT TISS SUR V C S 455 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6891005 MTWRF 8:00-5:00 HEDLUND C

SM AN ORTHOPED SURG V C S 456 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6892005 MTWRF 8:00-5:00 KRAUS K

EQUINE MEDICINE V C S 457 2- 4 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2011.  
RESTRICTED TO 4TH YEAR VET MED STUDENTS.  
6893005 MTWRF 8:00-5:00 WONG D

EQUINE SURGERY V C S 458 2- 4 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2011.  
RESTRICTED TO 4TH YEAR VET MED STUDENTS.  
6894005 MTWRF 8:00-5:00 MCCLURE S

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
4050005 MTWRF 8:00-5:00 BALDWIN C  
Note: Field trips & travel fee \$200.00

SM AN OVERPOP D.M. V C S 459B 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
4107010 MTWRF 8:00-5:00 BALDWIN C  
Note: Field trips & travel fee \$200.00

SM AN OVERPOP K.C. V C S 459C 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
4313015 ARRANGED BALDWIN C  
Note: Field trips & travel fee \$200.00

## VETERINARY CLINICAL SCIENCES (CONTINUED)

RADIOLOGY V C S 460 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6896005 MTWRFS 8:00-5:00 MILES K

COMMUNITY PRACTICE V C S 463 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
2322005 MTWRFS 8:00-5:00 ZAFFARANO B

EQUINE FIELD SERVIC V C S 464 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
4247005 MTWRF 8:00-5:00 THOMPSON L

FARRIER V C S 465 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,  
457, 458  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
7756005 MTWRF 8:00-5:00 CARSEL J

VET ANESTHESIOLOGY V C S 466 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6898005 MTWRFS 8:00-5:00 RIEDESEL D

INTENSIVE CARE V C S 468 4 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6900005 ARRANGED CURTIS M

OPHTHALMOLOGY V C S 469 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6901005 MTWRFS 8:00-5:00 WHITLEY R

RADIOLOGY V C S 470 VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,  
460 RECOMMENDED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOOD ANM REPRODUCTN V C S 471F VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
Note: 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. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 473O 1 CREDIT  
Note: 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 CREDIT  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EQUINE MEDICINE V C S 474M VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EQUINE SURGERY V C S 474S VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: 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 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## VETERINARY CLINICAL SCIENCES (CONTINUED)

INTENSIVE CARE V C S 478 VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

OPHTHALMOLOGY V C S 479 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, VCS  
469  
Note: 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 483O 2 CREDITS  
Prereq: VM4 CLASSIFICATION AND V C S 473  
2972005 ARRANGED KRAUS K

ADV SM AN SOFT SURG V C S 483S 2 CREDITS  
Prereq: VM4 CLASSIFICATION AND V C S 473  
3076005 ARRANGED HEDLUND C

INDEPENDENT STUDY V C S 490 1-5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
6094005 ARRANGED

SPL TOPICS MEDICINE V C S 590A 1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL V C S 590C 1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG V C S 590E 1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS  
Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM  
6920005 ARRANGED  
MEETS: MAY 16-AUG 5

RESEARCH MEDICINE V C S 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY V C S 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**VETERINARY MICROBIOLOGY & PREV MED**

PUBLIC HEALTH LAB V MPM 486 1-2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2011  
6951005 MTWRF 8:00-12:00  
MTWRF 2:00-5:00

INDEPENDENT STUDY V MPM 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR  
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2011  
Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1-8 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP V MPM 496 1-12 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
4332805 CR ARRANGED RAMIREZ A  
MEETS: MAY 22-JUNE 4  
Note: SEC CR TAUGHT IN COSTA RICA. PUBLIC HEALTH &  
VETERINARY MEDICINE IN COSTA RICA. STUDY ABOARD  
SUMMER 2011 OFFERED FOR 3 CREDITS.  
Study Abroad Administrative Fee Applies  
4332800 JO ARRANGED DAVIS R  
MEETS: MAY 22-JUNE 4  
Note: SEC JO TAUGHT IN JORDAN. PUBLIC HEALTH &  
VETERINARY MEDICINE IN JORDAN. STUDY ABOARD  
SUMMER 2011 OFFERED FOR 3 CREDITS.  
Study Abroad Administrative Fee Applies

## VETERINARY MICROBIOLOGY &amp; PREV MED (CONTINUED)

INT'L PRECEPTORSHIP V MPM 496 1-12 CREDITS  
 4332815 ZA ARRANGED THOEN C  
 MEETS: MAY 26-AUG 12  
 Note: SEC ZA TAUGHT IN SOUTH AFRICA. WILDLIFE  
 IMMOBILIZATION & CONSERVATION IN SOUTH AFRICA.  
 STUDY ABROAD SUMMER 2011 OFFERED FOR 3 CREDITS.  
 Study Abroad Administrative Fee Applies

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4278005 1 MTRF 1:00-2:00  
 MTRF 2:00-4:00  
 MEETS: JUNE 13-28

INTR PROTEIN TECHNQ V MPM 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4372005 1 MTRF 1:00-2:00  
 MTRF 2:00-4:00  
 MEETS: JULY 7-22

SPECIAL TOPICS V MPM 590 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 7307005 ARRANGED  
 MEETS: MAY 16-AUG 5

RESEARCH V MPM 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**VETERINARY PATHOLOGY**

NECROPSY LAB PRACT V PTH 456 1 CREDIT  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 Note: 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 CREDIT  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
 7008005 MTWRF 8:00-11:50 FLAHERTY H

INDEPENDENT STUDY V PTH 490 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR  
 Note: 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 CREDITS  
 Prereq: 376 OR 576  
 9668005 ARRANGED JARVINEN J  
 MEETS: MAY 16-AUG 5

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT  
 Prereq: 457, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 7037005 ARRANGED ANDREASEN C  
 MEETS: MAY 16-AUG 5  
 Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS  
 Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 7479005 ARRANGED HAYNES J  
 MEETS: MAY 16-AUG 5

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS  
 Prereq: 542, PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 7038005 MTWRF 1:10-5:00 FALES-WILLIAMS A  
 S 10:00-11:50 FALES-WILLIAMS A  
 MEETS: MAY 16-AUG 5

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET TOXICOL V PTH 590C 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## VETERINARY PATHOLOGY (CONTINUED)

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS V PTH 590E 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET TOXICO V PTH 599C VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURR TOPICS SEMINAR V PTH 605 1 CREDIT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 7029005 ARRANGED ACKERMANN M  
 MEETS: MAY 16-AUG 5

DIAG INTERP V PARAS V PTH 606B R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 7030005 ARRANGED JARVINEN J  
 MEETS: MAY 16-AUG 5

DIAG INTERP VET TOX V PTH 606C R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 5787005 ARRANGED OSWEILER G  
 MEETS: MAY 16-AUG 5

DIAG INTERP CLINPTH V PTH 606D R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 9694005 ARRANGED ANDREASEN C  
 MEETS: MAY 16-AUG 5

VET PATHOLOGY RSRCH V PTH 699A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET TOXICOLGY RSRCH V PTH 699C VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**WOMEN'S STUDIES**

GENDER & COMMUNICTN W S 323 3 CREDITS  
 Prereq: SP CM 212  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 3533005 MTWRF 12:10-2:20  
 MEETS: MAY 16-JUNE 10

GNDR&SXLTY IN MEDIA W S 325X 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets U.S. diversity reqmt  
 9147005 MTWRF 1:20-3:20  
 MEETS: JUNE 13-JULY 8

SEX&GENDER IN SOCIE W S 327 3 CREDITS  
 Prereq: SOC 130 OR 134  
 Note: Meets U.S. diversity reqmt  
 7061005 A MTWRF 9:50-11:50  
 MEETS: MAY 16-JUNE 10

WOMEN'S LITERATURE W S 340 3 CREDITS  
 Prereq: ENGL 250 OR ENGL 105  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 7062005 A MTWRF 11:00-12:20  
 MEETS: MAY 16-JUNE 24

PSYCHOLOGY OF WOMEN W S 346 3 CREDITS  
 Prereq: 2 COURSES IN PSYCH INCLUDING PSYCH 101  
 Note: Meets U.S. diversity reqmt  
 7064005 MTWRF 12:10-1:10  
 MEETS: MAY 16-JULY 8

## WOMEN'S STUDIES

(CONTINUED)

INDEPENDENT STUDY      W S    490      1- 3 CREDITS  
Prereq: ANY TWO COURSES IN W S, PERMISSION OF  
INSTRUCTOR, CONSULTATION WITH W S PROGRAM DIRECTOR  
Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE  
APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR  
Department permission required.  
\*\*\*\*\*      SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP      W S    491      3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
4097005      ARRANGED  
             MEETS: MAY 16-AUG 5  
Note: Department permission required.

SENIOR THESIS            W S    499      3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\*      SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS          W S    590      VAR. CREDITS  
Prereq: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR  
Note: Department permission required 1st week.  
\*\*\*\*\*      SEE DEPT FOR REFERENCE NUMBERS