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Undergraduate Council Minutes of Meeting January 27, 2009

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The University of Tennessee, Knoxville
Undergraduate Council
Minutes of Meeting
January 27, 2009
2:00 pm – Multipurpose Room – Black Cultural Center

MEMBERS PRESENT: Suzie Allard (for Gretchen Whitney), Don Clark, John Koontz, Norman Magden, Mark Moon, Bill Park, Chris Pionke, Gary Ramsey, John Romeiser (Chair), Harold Roth, Mark Schimmenti, Matthew Theriot (also ex-officio), Dixie Thompson (Vice Chair), Pavlos Tzermias

EX-OFFICIO MEMBERS PRESENT: Mary Albrecht, Fadia Alvic (for George Hoemann), Richard Bayer, Chuck Collins, Don Cox, Ruth Darling, Tom George, Sally McMillan, John Nolt, Masood Parang, Fred Pierce, Kathryn Salzer (for Steve Dandaneau), Rita Smith, Pia Wood

OTHERS PRESENT: Monique Anderson, Susan Benner, Sarah DeYoung, Judith Bryan, Todd Diacon, Ilsa Schwarz

The meeting was called to order at 2:00 pm by John Romeiser, Chair.

The minutes of the October 28, 2008, meeting of the Undergraduate Council were approved.

John Nolt, Faculty Senate Chair, introduced a motion from the Program Review, Reduction, and Reallocation Task Force (regarding an expedited process for program elimination), and it was passed unanimously by the Undergraduate Council.

Committee Reports

- Academic Policy (Koontz) – see pages U1459-1460
- Advising (Darling) – see page U1461
- Appeals (Park) – NO REPORT
- Curriculum (Theriot) – see pages U1462-1583
- General Education (Collins) – see pages U1584-15867

Announcements

- John Romeiser congratulated Brenda Rayman on her retirement and thanked her for her years of dedicated service.

The meeting was adjourned at 2:40 pm.

Undergraduate Council website
<http://web.utk.edu/~ugcouncil/>

EXPEDITED PROCESS FOR PROGRAM ELIMINATION**Procedure for Review of Administrative Proposals to Terminate Programs**

The purpose of this procedure is to provide expedited faculty input when the administration proposes program closures, as, for example, in response to budget cuts. Under more ordinary circumstances, the standard curricular process for program termination will be employed.

If the administration proposes to terminate a program, the [Graduate/ Undergraduate] council at large may hear the proposal without a termination recommendation from that program, provided that (1) there was adequate faculty involvement in developing the proposal and (2) representatives of the Provost's office and the relevant Dean's office appear before the Council to make the case. After hearing the proposal and gathering any other evidence it deems relevant, the Council may adopt a resolution regarding the proposal, which will then become part of the Council's minutes. The minutes are subsequently forwarded to the Faculty Senate. If the Senate approves the resolution or some modification of it, then that resolution becomes the faculty's recommendation to the administration regarding the proposed program termination.

ACADEMIC POLICY COMMITTEE REPORT

Report of the Academic Policy Committee Meeting of January 14, 2009

There were three topics on the agenda. Each met with unanimous approval.

- BS/MS in Civil and Environmental Engineering and in Industrial and Information Engineering. These two departments are proposing a five year BS/MS degree similar to that approved for Mechanical, Aerospace and Biomedical Engineering in the 2008 academic year.
- Change in the Grade Appeals. The old policy did not provide any guidance to the Deans' offices should an appeal reach that level.
- Change to policy on second majors and minors. The current text discusses both second majors and minors together. The new text separates these out and more clearly explains the requirements for each. It also makes clear that a single course can count twice, or even more if applicable. For example, a course that counts as a general education requirement might also satisfy a major or minor requirement.

REVISE APPEALS POLICY

On page 39 in the 2008-09 *Undergraduate Catalog*, revise to:

The Appeals Procedure

Instructor Level

The student should first consult with the instructor and if agreement cannot be reached, the student may appeal to the department head. If the student believes the grade assignment was based on criteria other than academic, such as race, gender, religious beliefs, national origin, age or handicap, then the student should make an appeal in writing to the Office of Equity and Diversity with a copy to the department head.

Departmental Level

If the student appeals to the department head after attempts to resolve the matter with the instructor have failed, it is the responsibility of the department head to determine the circumstances surrounding the assignment of the grade.

If the department head has reason to believe that none of the four academic conditions specified above apply, then the department head should encourage the student to accept the assigned grade. If the student wishes to pursue the appeal further, he or she may appeal in writing to the dean of the college in which the department is located.

If the department head has reason to believe that any of the four conditions do apply, then the instructor should be encouraged by the department head to reconsider the grade. If the instructor elects not to change the grade, then the department head will appoint a committee of at least three faculty members to review the matter. Such committee will be charged with making a timely recommendation to the department head concerning the student's grade. The student must submit a written appeal for the committee's consideration or for any appeal made beyond the departmental level. If the departmental committee's recommendation is that the student's grade should be higher than the one assigned and the instructor still elects not to assign the recommended higher grade, the department head will assign the grade of pass, or, at the student's option, he/she may accept the existing grade. In such a case, all other restrictions to use of the grade to satisfy graduation requirements are waived. If the departmental committee's recommendation is that the student's grade should not be higher than the one assigned, the department head will inform the student that the appeal has been denied.

College Level

If the student wishes to pursue the appeal further, he or she may appeal in writing to the dean of the college in which the department is located. It is the responsibility of the dean to determine the circumstances surrounding the assignment of the grade. After reviewing the appeal, the dean may grant the appeal, deny the appeal, or appoint a committee to review the appeal similar to the process outlined on the departmental level. If the Dean grants the appeal, a grade of pass will be assigned, or, at the student's option, he/she may accept the existing grade. In such a case, all other restrictions to use of the grade of pass to satisfy graduation requirements are waived. If the Dean determines that the student's grade should not be higher than the one assigned, the Dean will inform the student that the appeal has been denied.

Undergraduate Council Level

The student may forward to the Assistant Vice Provost for Academic Affairs and Chair of the Undergraduate Council a statement requesting a review of the student's complaint concerning his or her grade. The appeal must be written and must be based upon one or more of the four allowable grounds, explaining in detail why the appeal is based upon these grounds. No appeals will be accepted via fax or e-mail. The appeal must be sent via mail or hand delivered and include a signature. Appeals can be mailed to The Student Success Center, Attention Appeals Committee; 1817 Melrose Ave.; University of Tennessee; Knoxville, TN 37996-3707.

The Associate Vice Provost for Academic Affairs, after consulting with the student and the college office to determine that the appeal does in fact fall under the jurisdiction of the Undergraduate Council and has been brought forward in the proper form, will, first, forward the appeal to the Appeals Committee of the Undergraduate Council for review and, second, notify the dean, the department head, the course instructor, and the student that the Appeals Committee has the case under review. Upon receipt of the appeal, the chairperson of the Appeals Committee will call a special meeting of the committee for purposes of hearing the appeal. The chair will invite the student, the instructor, and the department head to appear in person if they choose or to supply a written statement (in the student's case this statement will already have been provided). The committee will maintain minutes of the hearing. After hearing the appeal, the Appeals Committee will vote as to whether the grade should be overturned. A majority vote will constitute the decision of the committee. A tie vote will be decided by the chair. The decision of the Appeals Committee will be relayed by the chair of the committee in writing to the principals.

If the appeal has been denied by the Appeals Committee, the student may appeal to the full Undergraduate Council. If the council denies the appeal, the grade stands.

If the student's appeal is upheld by the Appeals Committee, the instructor may appeal to the full Undergraduate Council. If the council holds for the instructor, the grade stands. If the student's appeal is upheld by the Appeals Committee and there is no appeal by the instructor to the full Undergraduate Council, or if the instructor does appeal to the full Undergraduate Council and the council holds for the student, the instructor may either elect to change the grade to a higher grade or refuse to do so. If the instructor refuses to change the grade, the chancellor will instruct the university registrar to change the course grade to Pass.

In all cases of appeal to the full Undergraduate Council, the chairperson of the Undergraduate Council will notify the student or instructor, in writing, of the council's decision and if applicable, of the right to further appeal in accordance with Article 5, Section 7, of the University Bylaws: Officers, faculty and staff members, students, employees, alumni, and all other officers who feel that they may have a grievance against the university shall have the right of appeal through the chancellor or vice-president to the president of the university.

An appeal to the chancellor must be filed within 60 days of the Undergraduate Council decision.

REVISE SECOND MAJORS AND MINORS POLICY

On page 46 in the 2008-09 *Undergraduate Catalog*, revise to:

Second Majors and Minors

Students may pursue any available minors or second majors. Second minors and majors will be noted on students' transcripts upon graduation. Meeting the requirements of minors or second majors may lengthen students' academic programs. Once a bachelor's degree has been awarded, students may not add a second major or minor to that degree.

Minors

Minors are available in most departments or programs in which majors are offered. Requirements for specific minors vary by program and are discussed under each department or program. Courses taken to satisfy major requirements or the university's general education requirements may, when appropriate, be used for the minor. Minors will be noted on students' transcripts upon graduation. Meeting the requirements of minors may lengthen students' academic programs. Once a bachelor's degree has been awarded, students may not add a minor to that degree.

ADVISING COMMITTEE REPORT

Advising Committee: Undergraduate Council Report

Meeting: January 20, 2009

Ruth Darling welcomed Anton Reece in his new role as Director of the Student Success Center.

Pre-Orientation website – Michele Stauffer announced the development of a website for incoming first-year students. This initiative came about through the work of the CAMPUS Strategic Planning Committee. The immediate goal is to roll out our site by May with general information about what to expect at orientation and a primer on academic planning (e.g. general education terms.)

Readmissions application deadline – Missy Parker reported on behalf of Nancy McGlasson that effective Fall 2009, the new deadlines for readmission applicants who were not previously dismissed (good standing or probation) will be changed to July 1 for fall, December 1 for spring, and May 1 for summer entry. This will allow readmitted students to schedule advising appointments, develop an academic plan for their re-entry, and register in a timely manner for the next term. The earlier date will also better position the readmitted student scheduling an appropriate course schedule.

The AALG (Academic Advising Leadership Group) is making progress on addressing and implementing the Advising Program Audit recommendations and a sub-committee is developing a comprehensive plan and model that will focus on academic planning and student responsibility (PLAN – Plan, Learn, Advise, Navigate).

TennACADA is developing a spring schedule for advisor professional development.

Other topics on the agenda: FYS 129 for spring term – second session, Academic Success Workshops, implementation of the online catalog, Chancellor Honors Program, and the expansion of available hours for advising in Arts and Sciences Advising Services.

CURRICULUM COMMITTEE REPORT

The Curriculum Committee met at 2:00 p.m. on January 13, 2009, and approved curricular proposals from:

- College of Agricultural Sciences and Natural Resources
- College of Architecture and Design
- College of Arts and Sciences
- College of Business Administration
- College of Communication and Information
- College of Education, Health, and Human Sciences
- College of Engineering
- College of Nursing
- College of Social Work

Members present: Matthew Theriot, Chair, Don Cox, Tom George, Sally McMillan for Mike Kotowski, Mark Moon, Bill Park, Fred Pierce, Chris Pionke, Gary Ramsey, Dixie Thompson

Other attendees: Mary Albrecht, Monique Anderson, Judith Bryan, Kim Campbell, Todd Diacon, Paul Erwin, Cheryl Norris, Masood Parang, Brenda Rayman, Jay Whelan

The committee discussed where the audiology and speech pathology courses should be housed considering the program closure. Representatives from the committee and the Office of the University Registrar will discuss the matter with Interim Provost Susan Martin on February 2, 2009.

The meeting adjourned at 3:55 p.m.

*** General Education Course**

◆ Add or Drop of major, concentration, minor

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES

All changes effective Fall 2009

I. COURSE CHANGES**AGRICULTURE AND NATURAL RESOURCES (INTERDEPARTMENTAL UNIT)****(088) (AGNR) Agriculture and Natural Resources**

ADD

103 Introduction to Teambuilding (1) Review of the basic fundamentals of how to work effectively in teams and groups. Basic leadership principles such as communication, leadership styles, trust, and group dynamics are examined through multiple forms of learning activities with a focus on skill sets which can be applied to group formation in community and business environments.

Grading Restriction: A, B, C, No Credit grading.

Repeatability: May be repeated. Maximum 2 hours.

Comment(s): CASNR Learning Community members only.

Registration Permission: Consent of instructor.

ADD CREDIT RESTRICTION, REVISE GRADING RESTRICTION AND REPEATABILITY

330 Leadership Development in Agriculture and Natural Resources (1)

Grading Restriction: Satisfactory/No Credit grading only.

Repeatability: May be repeated. Maximum 6 hours.

Credit Restriction(s): May not be used as a science elective in any CASNR major. No more than 3 credit hours may be used for non-departmental CASNR elective. No more than 3 credit hours may be used as technical elective without significant justification.

Formerly: Grading Restriction: A, B, C, No Credit.

Repeatability: May be repeated. Maximum 4 hours.

DEPARTMENT OF AGRICULTURAL ECONOMICS**(047) (AGEC) Agricultural Economics**

ADD

445 Economics of Biomass for Renewable Energy (3) Overview of the economics of renewable energy and the potential role for biomass. Assessment of the economic, environmental, and policy forces that are shaping the bioenergy industry. Exploration of methods for evaluating the economic feasibility of bioenergy feedstock production, logistics, and conversion.

(DE) Prerequisite(s): Economics 201.

DEPARTMENT OF ANIMAL SCIENCE**(113) (ANSC) Animal Science**

REVISE CREDIT HOURS, REPEATABILITY AND REQUEST APPROVAL FOR VARIABLE TITLE

461 Advanced Beef Cattle, Dairy Cattle, Horse, Poultry, Sheep and Swine Judging (1-2)

Repeatability: May be repeated. Maximum 4 hours.

Formerly: (1) No repeatability.

ADD SECONDARY CROSS-LISTED COURSE

385 Veterinary Entomology (3) (See *Entomology and Plant Pathology 325.*)

ADD (HONORS VERSION OF 320)

328 Honors: The Physiology of Reproduction and Lactation (3) Biology of sex and sexual differentiation, functional anatomy of male and female, reproduction and lactation, gametogenesis, neuroendocrinology and endocrinology of reproduction and lactation, sex cycles, folliculogenesis, ovulation, spermatogenesis, fertilization, embryonic development, implantation, pregnancy, parturition, initiation of lactation and maintenance of the dry period, artificial control of reproduction and lactation.

Contact Hour Distribution: 2 hours and 1 lab.

(RE) Prerequisite(s): Biology 130 or Biology 102.

Registration Permission: Consent of instructor.

ADD (HONORS VERSION OF 330)

338 Honors: Comparative Animal Nutrition (3) Nomenclature, structures, functions, utilization, and deficiency symptoms of essential nutrients in carnivores, omnivores and herbivores.

(RE) Prerequisite(s): Chemistry 130 or Chemistry 110.

(DE) Prerequisite(s): 220.

Registration Permission: Consent of instructor.

ADD (HONORS VERSION OF 340)

348 Honors: Principles of Animal Breeding (3) Genetic and environmental bases of animal variation. Selection and mating systems as mechanisms of genetic change. Planning breeding programs for economically important domestic species.

Contact Hour Distribution: 2 hours and 1 lab.

(RE) Prerequisite(s): Mathematics 125 or 151.

(DE) Prerequisite(s): 220 and Mathematics 141.

Registration Permission: Consent of instructor.

ADD (HONORS VERSION OF 380)

388 Honors: Animal Health Management (3) Characteristics, symptoms, prevention, and treatment of major diseases and parasites. Immunization, health regulations and herd health programs for all farm livestock species and poultry.

Contact Hour Distribution: 2 hours and 1 lab.

(RE) Prerequisite(s): 220.

Registration Permission: Consent of instructor.

DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCE

(196) (BSE) Biosystems Engineering

REVISE (RE) PREREQUISITE; ADD (RE) COREQUISITE

221 Mass and Energy in Biosystems (3)

(RE) Prerequisite(s): Chemistry 120.

(RE) Corequisite(s): Engineering Fundamentals 152.

Formerly: (RE) Prerequisite(s): Chemistry 120 and Engineering Fundamentals 152.

REVISE DESCRIPTION AND ADD (RE) COREQUISITE

402 Biosystems Engineering Design II (6) Culmination of capstone design sequence. Intensive design experience on project chosen and approved in 401. Analysis, construction, testing, evaluation, and reporting required. Periodic oral and written reports and submission of design to external engineering design competition or display required.

(RE)Corequisite(s): 404.

Formerly: Culmination of capstone design sequence. Intensive design experience on project chosen and approved in 401. Analysis, construction, testing, evaluation, and reporting required. Technical lectures on statistics, engineering software, and technical issues relevant to the chosen design project. Weekly oral and written reports and submission of design to external engineering design competition or display required.

REVISE PRIMARY COURSE TO REMOVE CROSS-LISTING; REVISE TITLE, DESCRIPTION; REMOVE (DE) PREREQUISITE; ADD (RE) PREREQUISITE; ADD CONTACT HOUR DISTRIBUTION

416 Environmental Hydrology (3) An introduction to hydrology and associated environmental implications including: the hydrologic cycle, evapotranspiration, runoff, erosion, unit hydrograph operations, routing, open channel flow, groundwater, infiltration, and urban stormwater.

Contact Hour Distribution: 2 hours and 1 lab.

(RE) Prerequisite: Aerospace Engineering 341.

Formerly: Hydrology (3) An introduction to hydrology including hydrologic variability, precipitation, evapotranspiration, infiltration, runoff, erosion, water quality and non-point pollution, energy dissipation, streamflow measurement, hydrographs, routing, open channel flow, and urban hydrology. (Same as Civil Engineering 416.)

(DE) Prerequisite(s): Statistics 251.

REVISE (RE) COREQUISITE(S)

444 Practicum (3)

(RE) Corequisite(s): 401 and 404.

Formerly: (RE) Corequisite(s): 401.

(194) (BSET) Biosystems Engineering Technology

REVISE TO REMOVE EQUIVALENCY BETWEEN BSET 212 AND 412, BEGINNING FALL 2009 (SEE UG COUNCIL MINUTES PAGE U1296 (JAN. 29, 2008))

Formerly:

BSET 212 = BSET 412 (Fall 2008 to Fall 2009)

(345) (ESS) Environmental and Soil Sciences

DROP

355 Environmental Soil Biology (3)

ADD

454 Environmental Soil Biology (3) Biology and biochemistry of the soil environment as they apply to environmental and agricultural processes. Topics include the soil habitat, microbial ecology and diversity, biogeochemical cycling of nutrients, biodegradation, and research methodology to investigate soil microorganisms.

Credit Restriction(s): Students cannot receive credit for both 454 and 554.

(RE) Prerequisite(s): 210.

Equivalency Table

Current Course (345) Environmental and Soil Sciences	Equivalent Course Fall 2009 (345) Environmental and Soil Sciences
355	454

REVISE DESCRIPTION

462 Environmental Climatology (3) Study of global energy budget, past climates, climate variability, climate distribution, and climate change. Emphasis on global warming and its potential impacts on weather, ecosystems and societies. Students are required to use quantitative, computer, and problem-solving skills to analyze and report climate data for environmental planning.

Formerly: Study of atmosphere as environment. Physical, chemical, and biological factors affecting climates of various earth environments. Meteorological process affecting biosystems. Climatic change and the human impact on the atmosphere. Consequences of climatic change and mitigation policies. Microclimates and urban climates, atmospheric pollution, extreme events, and ozone depletion. Design and operation of weather information systems. Automated weather stations.

DEPARTMENT OF ENTOMOLOGY AND PLANT PATHOLOGY**(341) (EPP) Entomology and Plant Pathology**

CROSS-LIST PRIMARY COURSE

325 Veterinary Entomology (3) *(Same as Animal Science 385.)*

REVISE RECOMMENDED BACKGROUND

405 Mycology (3)

Recommended Background: 4 hours biology.

Formerly: Recommended Background: Biology 130 and Ecology and Evolutionary Biology 110.

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY**(390) (FDST) Food Science and Technology**

DROP

301 Professional Development (1)

ADD

201 Professional Development (1) Professional development requirements, resources, and opportunities. Individual written and oral report and group discussion on careers and food companies.

Registration Restrictions(s): Minimum student level - sophomore.

DROP

340 Food Preservation and Packaging (3)

ADD

241 Food Preservation and Packaging (3) Principles, methods, and equipment used for preservation of foods.

Contact Hour Distribution: 2 hours lecture and 1 lab.

Recommended Background Microbiology 210.

DROP

490 Food Laws and Regulations (3)

ADD

390 Food Laws and Regulations (3) A comprehensive examination of the laws and regulations designed to preserve the safety, wholesomeness, and nutritional quality of the United States food supply, and the agencies that enforce them.

Comment(s): Core courses in food science and technology will serve as an essential basis for understanding of material covered in this course.

Equivalency Table

Current Course (390) Food Science and Technology	Equivalent Course Fall 2009 (390) Food Science and Technology
301	201
340	241
490	390

REVISE CREDIT HOURS AND REMOVE CONTACT HOUR DISTRIBUTION

410 Food Chemistry (4)

Formerly: (3)

Contact Hour Distribution: 3 hours lecture.

REVISE CREDIT HOURS

420 Food Microbiology (3)

Formerly: (2)

429 Food Microbiology Lab (2)

Formerly: (3)

REVISE CREDIT HOURS AND REMOVE CONTACT HOUR DISTRIBUTION

462 Manufactured Meat Technology (3)

Formerly: (2)

Contact Hour Distribution: 1 hour lecture and 1 hour lab.

REVISE COURSE TITLE, CREDIT HOURS, CONTACT HOUR DISTRIBUTION, AND PREREQUISITE (340 TO 241)

445 Applied Food Science (3)

Contact Hour Distribution: 2 hours lecture and 1 hour lab.

Formerly: Application of Food Chemistry and Processing Principles (4)

Contact Hour Distribution: 3 hours lecture and 1 hour lab.

DEPARTMENT OF FORESTRY, WILDLIFE AND FISHERIES

(396) (FORS) Forestry

ADD (HONORS VERSION OF 214)

217 Honors: Tree Biology (3) Students will attend Forestry 214 classes with supplementary assignments.

ADD (HONORS VERSION OF 314)

317 Honors: Economics of Forest and Wildland Resources (2) Students will attend Forestry 314 classes with supplementary assignments.

ADD (HONORS VERSION OF 321)

*** 327 Honors: Wildland Recreation (3)** Students will attend Forestry 321 classes with supplementary assignments.
(WC)

ADD (HONORS VERSION OF 331)

337 Honors: Wood Properties and Uses (2) Students will attend Forestry 331 classes with supplementary assignments.

ADD (HONORS VERSION OF 420)

427 Honors: Forest Resource Management (3) Students will attend Forestry 420 classes with supplementary assignments.

DROP

306 Forest Protection (3)

REVISE CREDIT HOURS

322 Silvicultural Practices (4)

Formerly: (3)

REVISE GRADING

305 Prescribed Fire Management (2)

Grading Restriction: Letter grade only.

Formerly: Satisfactory/No Credit grading only.

(398) (FWF) Forestry, Wildlife and Fisheries

ADD

310 Wildland Fire Behavior and Management (1) An introduction to wildland fire management, covering the fundamentals of fire behavior, fire weather, equipment, and safety.

415 Upland Habitat Management (1) Detailed examination of applied management practices and their impact on wildlife habitat in forests, early successional cover, and cropland. Includes silvicultural techniques, prescribed fire, mechanical field treatment, herbicides, and food plots.

REVISE CREDIT HOURS

313 Measurements and Sampling (3)

Formerly: (2)

DEPARTMENT OF PLANT SCIENCES

(791) (PLSC) Plant Sciences

ADD

221 Landscape Plants II (3) Identification, classification, adaptation, culture and landscape uses of spring and early summer and fall ornamental trees, shrubs, vines, herbaceous annuals and perennials, herbs, and ornamental grasses. Basic gardening practices and design elements using ornamental plants.

Contact hour distribution: 2 hours and 1 lab.

DROP

290 Fall Herbaceous Ornamental Plants (3)

291 Spring Herbaceous Ornamental Plants (3)

DROP

458 Turf Weed Management Lab (1)

459 Agronomy Weed Management Lab (1)

REVISE COURSE TITLE AND DESCRIPTION

220 Landscape Plants I (3) Identification, classification, adaptation, culture and landscape uses of late summer and fall ornamental trees, shrubs, vines, herbaceous annuals and perennials, herbs, and ornamental grasses. Basic gardening practices and design elements using ornamental plants.

Formerly: Basic Landscape Plants (3) Identification, classification, adaptation, and culture and landscape design uses of basic ornamental trees, shrubs, and vines.

REVISE CREDIT HOURS AND ADD CONTACT HOUR DISTRIBUTION

457 Weed Management (3)

Contact Hour Distribution: 2 hours and 1 lab.

Formerly: (2)

II. PROGRAM CHANGES

DEPARTMENT OF AGRICULTURAL ECONOMICS

REVISE NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS MAJOR

Fourth Year

Economics 361 or 371, or Geography 340 or 436, or Sociology 360 3

Formerly:

Economics 361 or 371, or Geography 340 or 346 or 436, or Sociology 360 (3)

AGRICULTURE AND NATURAL RESOURCES (INTERDEPARTMENTAL UNIT)

REVISE AGRICULTURE AND NATURAL RESOURCE LEADERSHIP, EDUCATION AND COMMUNICATIONS MAJOR - AGRICULTURE LEADERSHIP CONCENTRATION

On page 52 of the 2008-2009 *Undergraduate Catalog*, revise to

Second Year

Plant Sciences 220 or 221 3

Formerly: Plant Sciences 290 or 291.....3

REVISE AGRICULTURE AND NATURAL RESOURCE LEADERSHIP, EDUCATION AND COMMUNICATIONS MAJOR - AGRICULTURAL EDUCATION CONCENTRATION

On page 53 of the 2008-2009 *Undergraduate Catalog*, revise to

Second Year

Plant Sciences 230 and 220 or 221 6

Formerly: Plant Sciences 230 and 290 or 291.....6

REVISE AGRICULTURE AND NATURAL RESOURCE LEADERSHIP, EDUCATION AND COMMUNICATIONS MAJOR - AGRICULTURAL EXTENSION EDUCATION CONCENTRATION

Second Year

Plant Sciences 115 3

Formerly: Plant Sciences 115 (6)

Third Year

Environmental and Soil Sciences 324 or 334 3

Formerly: Environmental and Soil Sciences 344 (3)

Fourth Year

³Free Electives 6-7

Formerly: ³Free Electives (3-4)

REVISE INTERNATIONAL AGRICULTURE AND NATURAL RESOURCES MINOR

On page 53 of the 2008-2009 *Undergraduate Catalog*, revise to

⁴Select 2 courses from Agricultural Economics 420; Entomology and Plant Pathology 201*; Environmental and Soil Sciences 120*, 220*, 334, or 442; Food Science and Technology 150; Forestry, Wildlife and Fisheries 420; or Plant Sciences 250 6

Formerly: ⁴Select 2 courses from Agricultural Economics 420; Agriculture and Natural Resources 333; Entomology and Plant Pathology 201*; Environmental and Soil Sciences 120*, 220*, 334, or 442; Forestry, Wildlife and Fisheries 420; or Plant Sciences 250.....6

DEPARTMENT OF ANIMAL SCIENCE

◆ MAKE THE FOLLOWING CHANGES TO THE CONCENTRATIONS FOR THE ANIMAL SCIENCE MAJOR

DROP THE FOLLOWING CONCENTRATIONS (ANIMAL SCIENCE MAJOR)	ADD THE FOLLOWING EQUIVALENT CONCENTRATIONS (ANIMAL SCIENCE MAJOR)
Production/Business/Communications concentration [072 O]	Animal Industries concentration AND ALSO MAKE THE FOLLOWING CHANGES TO THE SHOWCASE ADD Third Year – Summer Animal Science 493.....3 REVISE FOURTH YEAR TO Free Electives.....5-8 Formerly: Free Electives.....8-11 Footnote 2 - change Finance 301(3) to Finance 300(3)
Science Technology concentration [072 J]	Bioscience concentration
Science/Technology-Pre-Veterinary Medicine concentration [072 K]	Pre-Veterinary Medicine concentration

CHANGE CATALOG HEADING (NO CHANGE IN CODE TABLE - STILL 072C)

On page 55 of the 2008-2009 Undergraduate catalog, change the heading

FROM: Pre-Veterinary Medicine Program (3+1)
TO: Pre-Veterinary Medicine 3+1 Concentration

ADD ELECTIVES LISTS FOR ANIMAL SCIENCE MAJOR

Program/Major/Minor	Requirement	2009 Course Options
Animal Science Major— Production / Business Communication (now Animal Industries) Concentration (p. 54)	Biological Science restricted elective (3 hours)	Animal Science 420, 430; Biochemistry and Cellular and Molecular Biology (any course above 200); Ecology and Evolutionary Biology (any course above 200); Entomology and Plant Pathology 201, 313, 321, 325, 405, 410, 451; Environmental and Soil Sciences 355; Exercise Science 480; Food Science and Technology 241, 410, 420, 429, 445; Forestry 214, 215, 331, 332, 414; Forestry, Wildlife and Fisheries 212, 250, 317, 412; Microbiology (any course above 200); Nutrition 100, 302, 310, 313, 314, 412, 415, 416, 420; Plant Sciences 210, 220, 330, 341, 343, 348, 353, 370, 410, 421, 427, 434, 435, 442, 446, 448, 450; Psychology 370, 450, 459, 461; Wildlife and Fisheries Science 301, 340, 350, 440, 442, 443, 444, 445, 450, 455, 456
Animal Science Major— Science / Technology (now Bioscience) Concentration (p. 55)	Physical science and mathematics restricted electives (8 hours)	Astronomy (100 and above); Biochemistry and Cellular and Molecular Biology 310, 401, 402, 419, 481; Biosystems Engineering (221 and above); Chemical & Biomolecular Engineering (200 and above); Chemistry (100 and above); Civil Engineering (210 and above); Electrical and Computer Engineering (200 and above); Engineering Fundamentals (101 and above); Environmental and Soil Sciences 434, 444; Exercise Science 422; Food Science and Technology 410, 445; Geology 310, 330, 340, 370, 380, 401, 460, 470, 485; Industrial Engineering (200 and above); Math (110 and above); Materials Science and Engineering (200 and above); Mechanical Engineering (200 and above); Nuclear Engineering (200 and above); Nutrition 310; Physics (135 and above); Plant Sciences 461; Psychology 385; Statistics (200 and above)

	Biological Science restricted electives (14 hours)	Animal Science 420, 430; Biochemistry and Cellular and Molecular Biology (any course above 200); Ecology and Evolutionary Biology (any course above 200); Entomology and Plant Pathology 201, 313, 321, 325, 405, 410, 451; Environmental and Soil Sciences 355; Exercise Science 480; Food Science and Technology 241, 410, 420, 429, 445; Forestry 214, 215, 331, 332, 414; Forestry, Wildlife and Fisheries 212, 250, 317, 412; Microbiology (any course above 200); Nutrition 100, 302, 310, 313, 314, 412, 415, 416, 420; Plant Sciences 210, 220, 330, 341, 343, 348, 353, 370, 410, 421, 427, 434, 435, 442, 446, 448, 450; Psychology 370, 450, 459, 461; Wildlife and Fisheries Science 301, 340, 350, 440, 442, 443, 444, 445, 450, 455, 456
	Business electives (5 hours)	Accounting 200; Agricultural Economics 212, 320, and above; Business Administration 201; Finance 300; Economics (any course above 200); Management 300; Marketing 300
Animal Science Major— Science / Technology / Pre-Vet (now Pre-Vet Med) Concentration (p. 55)	Biological Science restricted electives (6 hours)	Animal Science 420, 430; Biochemistry and Cellular and Molecular Biology (any course above 200); Ecology and Evolutionary Biology (any course above 200); Entomology and Plant Pathology 201, 313, 321, 325, 405, 410, 451; Environmental and Soil Sciences 355; Exercise Science 480; Food Science and Technology 241, 410, 420, 429, 445; Forestry 214, 215, 331, 332, 414; Forestry, Wildlife and Fisheries 212, 250, 317, 412; Microbiology (any course above 200); Nutrition 100, 302, 310, 313, 314, 412, 415, 416, 420; Plant Sciences 210, 220, 330, 341, 343, 348, 353, 370, 410, 421, 427, 434, 435, 442, 446, 448, 450; Psychology 370, 450, 459, 461; Wildlife and Fisheries Science 301, 340, 350, 440, 442, 443, 444, 445, 450, 455, 456
	Business electives (5 hours)	Accounting 200; Agricultural Economics 212, 320, and above; Business Administration 201; Finance 300; Economics (any course above 200); Management 300; Marketing 300

DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCE

REVISE REQUIREMENTS FOR BIOSYSTEMS ENGINEERING MAJOR (FIRST AND THIRD YEAR)

On p. 57 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year

Engineering Fundamentals 105, 151, 152..... 9

Mechanical Engineering 202..... 2

Formerly: Engineering Fundamentals 105, 151, 152, 202.....11

Third Year

Aerospace Engineering 341..... 3

Philosophy 241* or 245* 3

Formerly:

⁴ Fluid Science Elective.....3

³ Arts and Humanities Elective*.....3

DELETE FOOTNOTE 4, RENUMBERING FOOTNOTE 5 TO 4 EVERYWHERE IN THIS SHOWCASE

ADD TECHNICAL ELECTIVES LIST FOR BIOSYSTEMS ENGINEERING MAJOR

On page 57 of the 2008-2009 *Undergraduate Catalog*, above the PRE-PROFESSIONAL CONCENTRATION, ADD the following.

Technical Electives for Biosystems Engineering Major

Note that some electives have required prerequisites. See individual course descriptions in the catalog for specific information.

Biosystems Engineering Technology 412, 414, 432, 434, 452, 462, 474; Civil Engineering 485, 486, 490; Chemistry 230, 310, 350, 360; Electrical and Computer Engineering 206; Environmental and Soil Sciences 334, 434, 442, 444, 454; Geography 410, 411; Geology 485; Industrial Engineering 304; Mathematics 403, 405, 411, 431; Mechanical Engineering 363, 365, 366, 391, 405, 451, 466; Physics 232.

REVISE REQUIREMENTS FOR BIOSYSTEMS ENGINEERING MAJOR - PRE-PROFESSIONAL CONCENTRATION (FIRST AND THIRD YEAR)

On page 57 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year

Engineering Fundamentals 105, 151, 152.....	9
Mechanical Engineering 202.....	2

Formerly: Engineering Fundamentals 105, 151, 152, 202.....11

Third Year

Aerospace Engineering 341.....	3
Philosophy 241* or 245*	3

Formerly:

³ Fluid Science Elective.....3

⁴ Arts and Humanities Elective*.....3

DELETE FOOTNOTE 3, RENUMBERING FOOTNOTE 4 TO 3 EVERYWHERE IN THIS CONCENTRATION

REVISE MINOR IN BIOSYSTEMS ENGINEERING TECHNOLOGY

On p.57 of the 2008-2009 *Undergraduate Catalog*, revise to

Select three from 414, 434,452, 462, 474	9
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Formerly: Select three from 414, 422, 434, 442, 452, 462, 474.....9

REVISE TECHNICAL ELECTIVES FOR ENVIRONMENTAL AND SOIL SCIENCES MAJOR - SOIL SCIENCE AND ENVIRONMENTAL SCIENCE CONCENTRATIONS

On page 58 of the 2008-2009 *Undergraduate Catalog*, revise list of Technical Electives for Soil Science and Environmental Science Concentrations to

Animal Science 220, 280, 320, 330, 380, 381; Biochemistry and Cellular and Molecular Biology 306, 310, 321, 401, 402, 404, 411, 471, 481; Biology 240, 250; Biosystems Engineering Technology (any course not required for the major); Chemistry 230, 310, 319, 320, 329, 350, 360, 369, 430, 439, 471,481; Ecology and Evolutionary Biology 240, 304, 305, 330, 360, 370, 410, 414, 421, 433, 470, 474, 484, 495; Entomology and Plant Pathology 313, 321, 451; Environmental and Soil Sciences (any course not required for the major); Food Science and Technology 420, 429; Forestry 314, 321; Forestry, Wildlife and Fisheries 250, 312, 313, 317, 412, 420; Geography 101, 102, 131, 132, 310, 334, 410, 411, 412, 413, 414, 415, 434, 436, 439; Geology 102,103, 201, 202, 203, 310, 370, 450, 455, 485; Journalism and Electronic Media 450, 451; Microbiology 310, 319, 410, 411, 470; Physics 222; Plant Sciences 250, 434, 435, 457, 461; Political Science 300, 330, 340, 430, 431, 440, 442, 470; Sociology 360, 462, 464, 465; Statistics (any course above 201).

REVISE TECHNICAL ELECTIVES FOR ENVIRONMENTAL AND SOIL SCIENCES MAJOR - AGRICULTURAL SYSTEMS TECHNOLOGY CONCENTRATION

On page 58 of the 2008-2009 *Undergraduate Catalog*, revise to

Agricultural and Extension Education 450; Agricultural Economics 315, 342, 355; Biosystems Engineering Technology 202, 452; Business Administration 201; Entomology and Plant Pathology 325, 410; Environmental and Soil Sciences 442, 444, 462; Industrial Engineering 304, 423; Marketing 300; Plant Sciences 240, 410, 430, 434, 435.

Formerly: Accounting 200; Agricultural and Extension Education 450; Agricultural Economics 315, 342, 355; Biosystems Engineering Technology 202, 442, 452; Business Administration 201; Entomology and Plant Pathology 325, 410; Environmental and Soil Sciences 442, 444, 462; Industrial Engineering 304, 423; Marketing 300; Plant Sciences 240, 410, 430, 434, 435.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR - AGRICULTURAL SYSTEMS TECHNOLOGY CONCENTRATION (THIRD YEAR)

On page 58 of the 2008-2009 *Undergraduate Catalog*, revise Third Year to

Third Year

Agricultural Economics 350 or 355	3
Biosystems Engineering Technology 326, 412.....	6
¹ Cultures and Civilizations Elective*	3
English 295* or 360*	3
Entomology and Plant Pathology 313, 321	6
Environmental and Soil Sciences 324, 334	6
Plant Sciences 457	3

Formerly:

Agricultural Economics 350 or 355

Biosystems Engineering Technology 326, 412.....	6
¹ Cultures and Civilizations Elective*.....	3
English 360*.....	3
Entomology and Plant Pathology 313, 321.....	6
Environmental and Soil Sciences 301*, 324, 334.....	7
Plant Sciences 457.....	2

REVISE REQUIREMENTS FOR ENVIRONMENTAL AND SOIL SCIENCES MAJOR - ENVIRONMENTAL SCIENCE CONCENTRATION

On page 59 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year	Hours Credit
Biology 130*, 140*	8
Chemistry 120*, 130*	8
English 101*, 102*	6
Environmental and Soil Sciences 120*	3
Mathematics 151*, 152*	6
Second Year	
¹ Arts and Humanities Elective*	3
Agriculture and Natural Resources 290	3
Biology 250	4
Economics 201*	4
Environmental and Soil Sciences 210	4
Geology 101*	4
Philosophy 245*	3
Statistics 201*	3
Physics 221*	4
Third Year	
² Communicating through Writing Elective*	3
Biosystems Engineering Technology 326.....	3
Chemistry 350 or 110*	3-4
¹ Cultures and Civilizations Elective*	3
Environmental and Soil Sciences 301*, 324, 334, 454.....	10
¹ Social Sciences Elective*	3
Technical Electives	6
Fourth Year	
Agricultural Economics 470 or Economics 362	3
Biosystems Engineering Technology 412 or 474	3
Environmental and Soil Sciences 434, 444, 462	9
Technical Electives	9
Free Electives	5-6
	Total 124

* Meets University General Education Requirement.

¹Choose from the University General Education lists.

²Select from Agricultural and Extension Education 440*, English 295* or 360*, Forestry 321*, Journalism 450* or 451*.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR - SOIL SCIENCE CONCENTRATION

On page 59 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year	Hours Credit
Biology 130*, 140* or Biology 111*, 112*	8
Chemistry 120*, 130*	8
English 101*, 102*	6
Environmental and Soil Sciences 120*	3
Mathematics 151*, 152*	6
Second Year	
Agriculture and Natural Resources 290.....	3

¹ Arts and Humanities Elective*	3
¹ Cultures and Civilizations Elective*	3
Economics 201*	4
Environmental and Soil Sciences 210	4
Geology 101*	4
Philosophy 245*	3
Physics 221*	4
Statistics 201*	3
Third Year	
Biosystems Engineering Technology 326 or 412	3
Chemistry 110* or 350	3-4
Chemistry 310 and 319.....	4
Environmental and Soil Sciences 301*, 324, 334, 454.....	10
Plant Sciences 250	3
Technical Electives	6
² Communicating through Writing Elective*	3
Fourth Year	
Agricultural Economics 470 or Economics 362	3
Environmental and Soil Sciences 434, 442, 444, 462	12
¹ Social Sciences Elective*	3
Technical Electives	6
Free Electives	5-6
	Total 124

* Meets University General Education Requirement.

¹ Choose from the University General Education lists.

² Select from Agricultural and Extension Education 440, English 295 or 360, Forestry 321, Journalism 450 or 451.

DEPARTMENT OF ENTOMOLOGY AND PLANT PATHOLOGY

REVISE ENTOMOLOGY AND PLANT PATHOLOGY MINOR

Choose from Entomology and Plant Pathology 201, 313, 321, 325, 410, 411, 448, 451, 493..... 16

Formerly:

Choose from Entomology and Plant Pathology 201, 213, 321, 325, 410, 411, 448, 451, 493 (16)

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

◆ ADD CONCENTRATION TO THE FOOD SCIENCE AND TECHNOLOGY MAJOR:
PRE-PROFESSIONAL 3+1

REVISE FOOD SCIENCE AND TECHNOLOGY MAJOR - PRE-PROFESSIONAL CONCENTRATION AND INCLUDE NEW CONCENTRATION (PRE-PROFESSIONAL 3+1) IN SHOWCASE

On page 60 of the 2008-2009 *Undergraduate Catalog*, revise to:

Requirements for Bachelor of Science in Food Science – Food Science and Technology Major – Pre-Professional 3+1 and Pre-Professional Concentrations

	Hours Credit
First Year	
¹ Arts and Humanities Electives*	3
Biology 130*-140*	8
Chemistry 120*-130*	8
² English*	6
Food Science and Technology 101	3
³ Mathematics 125* or 141* or 151*	3-4
Second Year	
Chemistry 350, 360-369	8
Food Science and Technology 201	1
⁴ Food Science and Technology 241	3
Microbiology 210* or higher	3
⁵ Physics 221*	4
¹ Social Sciences Electives*	6

⁶ Directed Pre-professional Requirements	9
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Third Year

¹ Arts and Humanities Electives*	3
¹ Cultures and Civilizations Electives*	6
⁶ Directed Pre-professional Requirements	9
Food Science and Technology 410 and 420-429	9
Statistics 201* or Quantitative Reasoning Elective*	3

This curriculum meets the requirements for entrance to the College of Veterinary Medicine or UT medical or dental schools. After the first successful year in the professional school, the student will be awarded a Bachelor of Science in Food Science with a major in food science and technology. Should the student not gain admittance after the junior year, the student could complete the following requirements during the senior year for a major in food science and technology with a pre-professional concentration.

Fourth Year

⁶ Communicating Orally Elective*	3
Electives.....	9-10
⁷ Food Science and Technology Electives	9
Nutrition 100*	3

Total 120

*Meets University General Education Requirement.

¹Choose from the University General Education lists. One of these courses must be a writing-intensive (WC) course.

²Select either English 101* and 102* or English 118* and 102* Students who obtain a grade of A or B in 118* may complete their freshman requirement with 102*, 355, or with a 200-level course in the English Department. The 200-level course may, if so listed, also be used toward the Arts and Humanities requirement.

³Mathematics placement depends on high school courses and grades and ACT scores.

⁴Food Science and Technology 241 will be used to satisfy the CASNR computer technology/application requirement.

⁵Physics 222 is taken as a directed science elective for pre-professional programs that require it.

⁶Choose from Biochemistry and Cellular and Molecular Biology 230, 401, 402; Microbiology 430, Physics 222, Ecology and Evolutionary Biology 240; Biology 240, Food Science and Technology 390, 415, 430, 441, 442, 445, 461, 495 or 493 (maximum of 3 hours).

⁶Students who gain admittance to a professional school must complete a communicating orally (OC) course before entering the professional school to meet minimum general education requirements.

⁷Choose from Food Science and Technology 150, 240, 390, 415, 430, 441, 442, 445, 461, 462, 495 or 493 (maximum of 3 hours).

◆ ADD TWO ADDITIONAL CONCENTRATIONS TO THE FOOD SCIENCE AND TECHNOLOGY MAJOR (SAME SHOWCASE FOR BOTH):

PRE-PHARMACY
PRE-PHARMACY 3+1

Requirements for Bachelor of Science in Food Science – Food Science and Technology Major – Pre-Pharmacy 3+1 and Pre-Pharmacy Concentrations

First Year

	Hours Credit
¹ Arts and Humanities Elective*	3
Biology 130*- 140*	8
Chemistry 120*-130*	8
² English*	6
Food Science and Technology 101	3
³ Mathematics 125* or 141* or 151*	3-4

Second Year

⁴ Biochemistry and Cellular and Molecular Biology 230	5
⁴ Biology 240	4
Chemistry 350, 360-369	8
Food Science and Technology 201	1
⁵ Food Science and Technology 241	3
Microbiology 210* or higher	3
Physics 221*	4
¹ Social Sciences Electives*	6

Third Year

¹ Arts and Humanities Elective*	3
⁴ Biochemistry and Cellular and Molecular Biology 401-402	8
¹ Cultures and Civilizations Electives*	6
⁴ Ecology and Evolutionary Biology 240	4
Food Science and Technology 410 and 420-429	9
⁴ Microbiology 430	3
Statistics 201* or Quantitative Reasoning Elective*	3

This curriculum meets the requirements for entrance to the College of Veterinary Medicine or UT medical or dental schools. After the first successful year in the professional school, the student will be awarded a Bachelor of Science in Food Science with a major in food science and technology. Should the student not gain admittance after the junior year, the student could complete the following requirements during the senior year for a major in food science and technology with a pre-professional concentration.

Fourth Year

⁶ Communicating Orally Elective*	3
Electives.....	3-4
⁷ Food Science and Technology Electives	9
Nutrition 100*	3

Total 120

*Meets University General Education Requirement.

¹ Choose from the University General Education lists. One of these courses must be a writing-intensive (WC) course.

² Select either English 101* and 102* or English 118* and 102* Students who obtain a grade of A or B in 118* may complete their freshman requirement with 102*, 355, or with a 200-level course in the English Department. The 200-level course may, if so listed, also be used toward the Arts and Humanities requirement.

³ Mathematics placement depends on high school courses and grades and ACT scores.

⁴These courses meet pre-pharmacy requirements for UT-Memphis. Physics 222 is not required but may be for other pharmacy programs.

⁵Food Science and Technology 241 will be used to satisfy the CASNR computer technology/application requirement.

⁶Students who gain admittance to a professional school must complete a communicating orally (OC) course before entering the professional school to meet minimum general education requirements.

⁷Choose from Food Science and Technology 150, 240, 390, 415, 430, 441, 442, 445, 461, 462, 495 or 493 (maximum of 3 hours).

REVISE FOOD SCIENCE AND TECHNOLOGY MAJOR – SCIENCE CONCENTRATION

On page 64 of the 2008-2009 *Undergraduate Catalog*, revise to

Requirements for Bachelor of Science in Food Science – Food Science and Technology Major – Science Concentration

	Hours Credit
First Year	
¹ Arts and Humanities Elective*	6
² Biological Sciences	4
Chemistry 120*-130*	8
³ English*	6
Food Science and Technology 101	3
⁴ Mathematics 125*	3
Second Year	
Chemistry 350, 360-369	8
⁵ Food Science and Technology 201 and 241	4
Microbiology 210* or higher	3
Nutrition 100*	3
Physics 221*	4
¹ Social Sciences Electives*	6
Statistics 201* or Math 115*	3
Third Year	
Biochemistry and Cellular and Molecular Biology 230, 310 or 401	4-5
Food Science and Technology 441	3
¹ Cultures and Civilizations Electives*	6
Communicating Orally Elective*	3
Electives.....	3-4

Food Science and Technology 390, 410 and 430 10

Fourth Year

Electives..... 7
 Food Science and Technology 401 1
 Food Science and Technology 415 and 420-429 9
 Food Science and Technology 445, 461 or 462, 495 9
 Food Science and Technology 493 3
Total 120

*Meets University General Education Requirement.

¹Chosen from the University General Education lists. One of these courses must be a writing-intensive (WC) course.

²May be chosen from Biology 101*, 102*, 111*, 112* or 130*.

³May select either English 101* and 102* or English 118* and 102*. Students who obtain a grade of A or B in 118* may complete their freshman requirement with 102*, 355, or with a 200-level course in the English Department. The 200-level course may, if so listed, also be used toward the Arts and Humanities requirement.

⁴Mathematics placement depends on high school courses and grades and ACT scores.

⁵Food Science and Technology 241 will be used to satisfy the CASNR computer technology/application requirement.

REVISE FOOD SCIENCE AND TECHNOLOGY MAJOR – TECHNOLOGY/BUSINESS CONCENTRATION

On page 60 of the 2008-2009 *Undergraduate Catalog*, revise to

Requirements for Bachelor of Science in Food Science – Food Science and Technology Major – Technology/Business Concentration

	Hours Credit
First Year	
¹ Arts and Humanities Electives*	6
² Biological Sciences	4
Chemistry 100*	4
³ English*	6
Elective	4
Food Science and Technology 101	3
⁴ Quantitative Reasoning course*	3
Second Year	
Chemistry 110*	4
Microbiology 210* or higher	3
⁵ Food Science and Technology 241	3
¹ Social Sciences Electives*	6
⁶ Directed Technology/Business electives	9
Nutrition 100* or Animal Science 381	3
Food Science and Technology 201	1
Third Year	
Food Science and Technology 390, 410 and 430	10
¹ Cultures and Civilizations Electives*	6
⁶ Directed Technology/Business Electives	6
Statistics 201* or Mathematics 115*	3
Communicating Orally Elective*	3
Electives.....	4
Fourth Year	
Food Science and Technology 401	1
Food Science and Technology 415 and 420-429	9
Food Science and Technology 445, 461 or 462 and 495	9
⁶ Directed Technology/Business Electives	6
Food Science and Technology 493	3
Electives.....	1
Total 120	

*Meets University General Education Requirement.

¹Chose from the University General Education lists. One of these courses must be a writing-intensive (WC) course.

²May be chosen from Biology 101*, 102*, 111*, 112* or 130*.

³ May select either English 101* and 102* or English 118* and 102*. Students who obtain a grade of A or B in 118 may complete their freshman requirement with 102*, 355, or with a 200-level course in the English department. The 200-level course may, if so listed, also be used toward the Arts and Humanities (AH) requirement.

⁴ Mathematics placement depends on high school courses and grades and ACT scores. Mathematics 125* needed for Statistics 201*.

⁵ Food Science and Technology 241 will be used to satisfy the CASNR computer technology/application requirement.

⁶ Accounting 200; Advertising 250; Agricultural and Extension Education (any course); Agriculture and Natural Resources (any course); Agricultural Economics (any course); Animal Science (any course); Biochemistry and Cellular and Molecular Biology 230, 310, 401, 402; Biology 101, 102, 111, 112, 140 or 240; Biosystems Engineering (any course); Business Administration 201; Chemistry 130, 360, 369; Communication and Information 150; Communication Studies 201; Ecology and Evolutionary Biology 240; Economics 201; Entomology and Plant Pathology (any course); Environmental and Soil Sciences (any course); Finance 300; Food Science and Technology 269, 430, 441, 461, 493 (limit 3 hours for 493); Forestry, Wildlife and Fisheries (any course); Health 300, 306, 330, 375, 400, 404, 420, 425, 426, 430; Hotel, Restaurant and Tourism 210, 311, 326, 341, 445; Information Sciences 102; Journalism and Electronic Media 200, 275; Management 300; Marketing 300; Microbiology 430; Nutrition 104, 201, 302, 303, 313, 314, 412, 415, 416, 420; Physics 101, 102, 221 or 222; Plant Sciences (any course); Public Relations 270; Statistics 201.

◆ DROP FOOD SCIENCE AND TECHNOLOGY MINOR [312]

◆ ADD FOOD SCIENCE MINOR

Minor in Food Science

Required Courses

	Hours Credit
Food Science and Technology 101	3
Food Science and Technology 241	3
Food Science and Technology 410	4
Food Science and Technology 420	3
Food Science and Technology Elective.....	3
	Total 16

◆ ADD FOOD TECHNOLOGY MINOR

Minor in Food Technology

Required Courses

	Hours Credit
Food Science and Technology 101	3
Food Science and Technology 241	3
Food Science and Technology 390	3
Food Science and Technology Electives.....	7
	Total 16

DEPARTMENT OF FORESTRY, WILDLIFE AND FISHERIES

REVISE FORESTRY MAJOR - FOREST RESOURCES MANAGEMENT CONCENTRATION

On pages 62-63 on the 2008-2009 *Undergraduate Catalog*, revise to

First Year	Hours Credit
Forestry 100.....	3
English 101*, 102*	6
Mathematics 125*	3
Biology 111*, 112*	8
Chemistry 100*	4
Select one:	
Anthropology 130*, Political Science 102*, Psychology 110*, 117, Sociology 110*, 117*, 120*	3
Elective	3
Second Year	
Forestry 214 or 217, 215.....	6
Forestry, Wildlife and Fisheries 212	3
Economics 201*	4
Statistics 201*	3
Biosystems Engineering Technology 326 or Geography 411.....	3
Communications Studies 210* or 240*	3
Environmental and Soil Science 210	4

¹Arts and Humanities Elective* 3
¹Cultures and Civilizations Elective* 3

Third Year

Forestry, Wildlife and Fisheries 310, 312*, 313, 317, 412 13
 Forestry 314 or 317, 321 or 327, 326 7
 Entomology and Plant Pathology 411 3
¹Cultures and Civilization Elective* 3
²Ethics Elective 3

Fourth Year

Forestry, Wildlife and Fisheries 415, 416 4
 Forestry 305, 322, 323, 329, 331 or 337, 332, 420 or 427, 422 19
¹Arts and Humanities Elective* 3
³Communications Elective 3

Total 120

*Meets University General Education Requirement.

¹General Education Electives. Choose two courses from the Cultures and Civilizations list and two courses from the Arts and Humanities list for a total of 12 credit hours. Forestry, Wildlife and Fisheries 312 meets the Communicating through Writing (WC) requirement.

²Choose one course from Philosophy 110*(AH), 130, 243*(AH, WC), 245*(AH), 290*(AH, WC), or 340*(WC). If the student selects an Ethics Elective that satisfies the Arts and Humanities General Education Requirement, then the student may select an additional Free Elective in lieu of the Arts and Humanities Elective listed in the Fourth Year.

³Choose one course from Communication Studies 210, 220, 240, 270, 310, 320; English 263 ,295, 355 ,360, 363, 364, 455, 456, 460,463, 464; and Journalism and Electronic Media 201, 412, 414, 450, 451.

REVISE FORESTRY MAJOR – WILDLAND RECREATION CONCENTRATION

On page 63 on the 2008-2009 *Undergraduate Catalog*, revise to

First Year **Hours Credit**

Forestry 100 3
 English 101*, 102* 6
 Mathematics 125* 3
 Biology 111*, 112* 8
 Chemistry 100* 4
 Select one:
 Psychology 110*, Sociology 110*, Sociology 120*, Political Science 102*, Anthropology 130* 3
 Electives 3

Second Year

Forestry 214 or 217, 215 6
 Forestry, Wildlife and Fisheries 212 3
 Economics 201* 4
 Statistics 201* 3
 Biosystems Engineering Technology 326 or Geography 411 3
 Communications Studies 210 *or 240* 3
 Environmental and Soil Science 210 4
 Select one:
 Art Media Arts 231, 236; Communication Studies 220, 270, 310, 320, 330, 420;
 English 295; Journalism and Electronic Media 201*, 290, 412, 422, 450*, 451* 3
¹Cultures and Civilizations* or Arts and Humanities* Elective 3

Third Year

Forestry 321*, 423 6
 Forestry, Wildlife and Fisheries 310, 312*, 313, 317, 412 13
 Select one:
 Forestry 314 or 317, Plant Sciences 427, Political Science 440, 441, Management 440 2-3
 Select one:
 Recreation & Leisure Studies 310, 410, 415, 430, 470 3
 Select one:
 Plant Sciences 280, 350, 370, 421, or 437 2-3
¹Cultures and Civilizations or Arts and Humanities Elective 3

Fourth Year

Forestry 495, 422.....	9
Forestry, Wildlife, and Fisheries 416	3
Select one:	
Wildlife and Fisheries 443, 444, 445	3
Electives.....	5-6
Select one:	
Sociology 360, 465, 345, 370, 464, Philosophy 245, Geography 320, 345	3
¹ Cultures and Civilizations or Arts and Humanities Elective.....	6
	Total 120

*Meets University General Education Requirement.

¹General Education Electives. Choose two courses from the Cultures and Civilizations list and two courses from the Arts and Humanities list for a total of 12 credit hours. Forestry Wildlife and Fisheries 312 and Forestry 321 meet the Communication through Writing (WC) requirement.

REVISE WILDLIFE AND FISHERIES SCIENCE MAJOR - WILDLIFE AND FISHERIES MANAGEMENT
CONCENTRATION

On pages 63-64 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year	Hours Credit
Forestry, Wildlife and Fisheries 250*	3
English 101*, 102*	6
Biology 130*-140* or 101*-102*	8
Chemistry 120*-130* or 100*-110*	8
¹ Cultures and Civilizations* and Arts Humanities Electives*	6
Wildlife and Fisheries Science 101	1
Second Year	
Forestry, Wildlife and Fisheries 212	3
Economics 201*	4
Mathematics 125*	3
Statistics 201* or Mathematics 115*	3
Biosystems Engineering Technology 326 or Geography 411	3
Animal Science 220	3
Biology 250 or Forestry 215 or 217	3-4
Communications Studies 210* or 240*	3
Environmental and Soil Sciences 210	4
¹ Cultures and Civilizations* or Arts Humanities Elective*	3
Third Year	
Wildlife and Fisheries Science 444, 445.....	6
Forestry, Wildlife and Fisheries 310, 312* (WC), 313, 317.....	10
Ecology and Evolutionary Biology 470 or Environmental and Soil Sciences 324.....	3
Ecology and Evolutionary Biology 330 or 433, or Plant Science 421	3
Ecology and Evolutionary Biology 474	4
¹ Cultures and Civilizations* or Arts and Humanities Elective*	3
¹ Social Science Elective*	3
Fourth Year	
Forestry, Wildlife and Fisheries 415, 416	4
Wildlife and Fisheries Science 305, 323, 340, 341,350, 440, 442, 443.....	18
Forestry, Wildlife and Fisheries 412, or Forestry 422	3
² Science Elective	3
	Total 124-125

*Meets University General Education Requirement.

¹Courses selected from the University General Education lists.

²300-level and above Wildlife and Fisheries Science; Forestry, Wildlife and Fisheries; Forestry; or Ecology and Evolutionary Biology courses

REVISE WILDLIFE AND FISHERIES SCIENCE MAJOR - WILDLIFE HEALTH CONCENTRATION

First Year

Wildlife and Fisheries Science 101 1
 Formerly: Wildlife and Fisheries 101 (1)

Fourth Year

Biochemistry and Cellular and Molecular Biology 311 3
 Formerly: Biochemistry and Cellular and Molecular Biology 411 (3)

REVISE FORESTRY MINOR

Required Courses

Forestry 100 or Forestry, Wildlife and Fisheries 250 3
 Forestry, Wildlife and Fisheries 212, 312, 313, 412, 416 or any Forestry course 13
TOTAL 16

Formerly:

Forestry 100 or Forestry, Wildlife and Fisheries 250 (3)
 Forestry, Wildlife and Fisheries 212, 312, 313, 412, 416 or any Forestry course (12)
TOTAL (15)

DEPARTMENT OF PLANT SCIENCES

REVISE LISTS OF TECHNICAL ELECTIVES FOR BIOTECHNOLOGY CONCENTRATION, AND HORTICULTURE SCIENCE AND PRODUCTION CONCENTRATION

On page 65, of the 2008-2009 Undergraduate Catalog, revise as follows:

Change Finance 301 to Finance 300

REVISE LIST OF TECHNICAL ELECTIVES FOR BIOENERGY CONCENTRATION

On page 65, of the 2008-2009 Undergraduate Catalog, revise as follows:

Change Finance 301 to Finance 300
 Remove Engineering Fundamentals 100
 Remove Information Management 341 and 342

REVISE LIST OF TECHNICAL ELECTIVES FOR LANDSCAPE DESIGN CONCENTRATION

Change Forestry, Wildlife, and Fisheries 211 to 212
 Change Forestry, Wildlife, and Fisheries 311 to 312

REVISE PLANT SCIENCES MAJOR - BIOTECHNOLOGY CONCENTRATION (FOURTH YEAR)

On page 66 of the 2008-2009 Undergraduate Catalog, revise to

Fourth Year

Select three from Plant Sciences 353, 454, 461 and 470 9
 Formerly: Plant Sciences 353, 454, 461 and 470 (9)

REVISE PLANT SCIENCES MAJOR - HORTICULTURE SCIENCE AND PRODUCTION CONCENTRATION (THIRD YEAR)

On page 67 of the 2008-2009 *Undergraduate Catalog*, revise to

Third Year

Biochemistry & Cellular & Molecular Biology 321, Biology 250, or Forestry 414 3-4
 Plant Sciences 220, 221, or 230 3
 Plant Sciences 457 3

Formerly:

Biochemistry 321 or Forestry 414 4
 Plant Sciences 220, 230, 290, or 291 3
 Plant Sciences 457-458 or 457-459 3

REVISE PLANT SCIENCES MAJOR - LANDSCAPE DESIGN AND CONSTRUCTION CONCENTRATION (FIRST AND SECOND YEARS)

On page 67 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year	Hours Credit
Computer Science 100*	4
Formerly:	
Computer Science 100*	3
Second Year	
Plant Sciences 210, 220, 221, or 280	3
Technical Electives	7
Formerly:	
Plant Sciences 210, 220, or 280	3
Technical Electives.....	8

REVISE PLANT SCIENCES MAJOR -- PUBLIC HORTICULTURE CONCENTRATION (FIRST, SECOND, AND FOURTH YEARS)

On page 68 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year	
Computer Science 100*	4
Formerly:	
Computer Science 100* or 102*.....	3
Second Year	
Plant Sciences 210, 220, 221, 226, 280	15
Formerly:	
Plant Sciences 210.....	3
Select from Plant Sciences 220, 226, 280, 290, or 291	12
Fourth Year	
Technical Electives	3-4
Formerly:	
Technical Electives.....	4-5

REVISE PLANT SCIENCES MAJOR -- TURFGRASS SCIENCE AND MANAGEMENT CONCENTRATION (SECOND, THIRD, AND FOURTH YEARS)

On page 68 of the 2008-2009 *Undergraduate Catalog*, revise to

Second Year	
Plant Sciences 220 or 221	3
Formerly: Select from Plant Sciences 210, 220, 221, or 280.....	3
Third Year	
Plant Sciences 330, 331, 341, 343, 348, 442, and 457	13
Formerly: Plant Sciences 330, 331, 341, 343, 348, 442, and 457-458	13
Fourth Year	
Select from Plant Sciences 353, 360, 410*, 421, 427, 429, 430, 434, 435, 436, 437, 446, 448, 449, 451, 461, 469, or 494	9
Technical Electives	7-8
Formerly:	
Select from Plant Sciences 353, 360, 410*, 421, 427, 429, 430, 434, 435, 436, 437, 446, 448, 449, 451, 461, 469, or 494	9
Environmental and Soil Sciences 334.....	3
Technical Electives.....	4-5

COLLEGE OF ARCHITECTURE AND DESIGN

All changes effective Fall 2009

I. COURSE CHANGES

(133) (ARCH) Architecture

DROP

472 Architectural Design VI (6)

ADD

490 Advanced Architectural Design: Special Topics (6) Advanced architectural design based on special topics as defined by instructor.

Repeatability: May be repeated. Maximum 12 hours.

(RE) Prerequisite(s): 471.

Comment(s): Minimum 2.3 GPA in all design courses is required.

REVISE DESCRIPTION

101 Introduction to the Built Environment (3) Architectural design as a creative process based on visual thinking and ideas related to space, technology, and/or place. Scope and definition of the built environment in relation to contemporary society, building industry, and allied design professions. Orientation to courses and programs of the school.

Formerly: Scope and definition of the built environment in relation to contemporary society, building industry, and allied-design professions. Architectural design as a creative process. Orientation to courses and programs of the school.

REVISE TITLE AND DESCRIPTION

121 Representation I: Drawing and Perception (2) Exploration of drawing as a means of visual thinking and method of communication, addressing perceptual phenomenon, abstraction, and transformation. Exploration of different media. Concentration on freehand drawing, including line drawing, tone, shade, shadow, depth cues. Compositional principles will be introduced. Drawings based on observation, including still life drawing and site visits.

Formerly: Drawing and Perception (2) Exploration of drawing as a means of visual thinking and method of communication, addressing perceptual phenomenon. Exploration of different media, concentrating on freehand drawing. Includes line drawing, tone, shade, shadow, and depth cues. Compositional principles will be introduced. Drawings based on observation, including figure drawing and campus visits.

REVISE TITLE, DESCRIPTION AND ADD (RE) PREREQUISITE

122 Representation II: Drawing and Intention (2) Exploration of drawing as a means of visual thinking and a method of communication. Exploration of different media and techniques of representation, concentrating on constructed drawings. Includes line drawing, shadow, shade, and perspective. Drawings based on observation and precedent.

(RE) Prerequisite(s): 121.

Formerly: Drawing and Abstraction (2) Exploration of drawing as a means of visual thinking and method of communication, addressing process of abstraction and transformation inherent in drawing. Exploration of different media and techniques of representation. Drawings based on observation, abstraction, and transformation.

REVISE TITLE AND DESCRIPTION

171 Design Fundamentals I: Space (3) Fundamentals of spatial composition and design. Two- and three-dimensional compositions to explore ideas of form and space. Introduction to architectural representation in drawings, sketches, and models.

Formerly: Design Fundamentals I (3) Fundamentals of visual composition. Graphic and visual skill development. Principles of two- and three-dimensional visual composition. Introduction to architectural representation.

172 Design Fundamentals II: Space (4) Fundamentals of architectural design and analysis. Diagramming to communicate analysis of design ideas and principles. Design projects with site implications, scale and spatial sequence. Development of architectural representation.

Formerly: Design Fundamentals II (4) Fundamentals of architectural design, conceiving form and space. Elements of form and space including lines, planes, volumes, void, and mass. Spatial sequence and scale. Development of architectural representation.

* **213 Modern Architecture: Histories And Theories (3)** Examines the history and theory of modern architecture focusing on the late 19th and 20th centuries through broad-based examinations of the question of modernity and specific case studies of buildings, projects, landscapes and theories. **(WC)**

Formerly: History and Theory of Contemporary Architecture (3) Architectural thought in design practice in late 20th century. Examples of contemporary works and review of theoretical issues. (WC)

REVISE TITLE, DESCRIPTION AND (RE) PREREQUISITE

231 Representation III: Digital Media (3) An introduction to computer systems, software and hardware, as well as their application in architecture. Emphasis is placed on learning how the computer can assist in the design process by modeling, visualizing and analyzing building designs. Introduction to computer-aided representations, three-dimensional modeling, and desktop publishing.

(RE) Prerequisite(s): 122 and 172.

Formerly: Computer Applications in Design I (3) Introduction to computer systems, software and hardware, and their application in architecture. Emphasis on learning how the computer can assist in the design process by modeling, visualizing and analyzing building designs. Introduction to drafting, three-dimensional modeling, and desktop publishing.

(RE) Prerequisite(s): 172.

REVISE DESCRIPTION

232 Introduction to Architectural Technology (3) The place of building technology in architectural design. Introduces concepts and theory of structures; building materials and construction; as well as principles of sustainability, ecological literacy and environmental controls.

Formerly: Place of building technology in architectural design. Introduces concepts and theory of structures; building materials and construction; and environmental controls.

REVISE TITLE, DESCRIPTION, (RE) PREREQUISITE(S); REMOVE (DE) PREREQUISITE(S); ADD (RE) COREQUISITE(S)

271 Architectural Design I: Place (6) Contextual determinants in architectural design. Role of the city in architectural design. Methods of analyzing place and form in determining design strategies. Introduction to spatial implications of structure and sustainable urbanism. Representational skills developed including drawing, diagramming, and modeling techniques.

(RE) Prerequisite(s): 172.

(RE) Corequisite(s): 231.

Formerly: Architectural Design I (6) Introduction to contextual determinants in architectural design. Role of the city and the landscape in architectural design. Methods of analyzing place and form in determining design strategies. Representational skills developed including drawing, diagramming and modeling techniques.

(RE) Prerequisite(s): 172 and 211.

(DE) Prerequisite(s): Mathematics 125.

REVISE TITLE, DESCRIPTION, (RE) PREREQUISITE(S)

272 Architectural Design II: Place (6) Contextual determinants in architectural design. Role of the landscape in architectural design. Methods of analyzing place and precedents in determining design strategies. The role of function, habitation, movement, structure and scale. Development of design processes, including analytical skills, diagramming, and organizational strategies. Use of computer aided visualization techniques.

(RE) Prerequisite(s): 231 and 271.

Formerly: Architectural Design II (6) Studies in architectural space. The role of function, habitation, movement, structure and scale as determinants of spatial form explored through a series of design projects ranging in scale from furniture to dwellings. Development of design processes, including analytical skills, diagramming, and determining design organizational strategies. Use of computer aided visualization techniques.

(RE) Prerequisite(s): 271 and 212.

REVISE DESCRIPTION

341 Environmental Control Systems I (4) Principles of active and passive indoor climate control systems, including energy considerations, heating, ventilation, air-conditioning, solar cycles, codes, life-cycle costs, and sustainability, integrated with the building design and envelope. Potable, waste and storm water systems. Life safety related to fire protection systems and codes. Impact of environmental systems on human behavior, comfort, and the environment.

Formerly: Heating, ventilating, and air-conditioning systems, including passive and active solar energy systems. Plumbing and fire protection systems.

342 Environmental Control Systems II (4) Building service systems and lighting design, including principles of electricity, wiring, daylighting, acoustics, and relevant codes, integrated with building envelope materials and assemblies. Principles of sustainability and the impact of environmental systems on human behavior, comfort, and the environment.

371 Architectural Design III (6) Design synthesis. Integration of design determinants emphasizing civic and cultural themes.

Formerly: Design synthesis. Integration of design determinants and development of building concepts.

372 Architectural Design IV (6) Design synthesis. Integration of design determinants emphasizing structure, sustainability, materials and construction.

Formerly: Design synthesis. Integration of design determinants, structure, environmental controls, materials and construction.

431 Structural and Mechanical Applications (3) Case study analysis and selection of structural and mechanical systems, investigating the conceptual integration of technical information into a unified design solution, addressing principles of sustainable design.

Formerly: Case study analysis and selection of structural and mechanical systems, investigating the conceptual integration of technical information into a unified design solution.

REVISE TITLE AND DESCRIPTION

471 Architectural Design V: Integration (6) Design project from conceptual through design development phase. Specification of component building systems including structures, mechanical, lighting, and construction details. Demonstration of principles of sustainability in design and building performance.

Formerly: Architectural Design V (6) Design project from conceptual through design development phase. Specification of component building systems including structure, mechanical, lighting and construction details.

REVISE TITLE; ADD REPEATABILITY

483 Advanced Architectural Design: Urbanism (6) Urban design projects responding to specific community conditions. Exploration of urban issues in making and understanding the architecture of the city.

Repeatability: May be repeated. Maximum 12 hours.

Formerly: Urban Design (6)

485 Advanced Architectural Design: Development and Design (6)

Repeatability: May be repeated. Maximum 12 hours.

Formerly: Development and Design (6)

486 Advanced Architectural Design: Sustainable Architecture (6)

Repeatability: May be repeated. Maximum 12 hours.

Formerly: 486 Design of Sustainable Architecture (6)

489 Advanced Architectural Design: Structural Innovations (6)

Repeatability: May be repeated. Maximum 12 hours.

II. PROGRAM CHANGES

REVISE REQUIREMENTS FOR THE BACHELOR OF ARCHITECTURE (FOURTH AND FIFTH YEARS AND FOOTNOTES 3 AND 4)

Fourth Year

Architecture 431	3
¹ Architecture 471	6
⁴ Design Studio Option	6
³ Electives	18

Fifth Year

Architecture 462	4
Architecture 480	3
Architecture 481	3
⁴ Design Studio Option	6
³ Electives	15

³Elective distribution – Two courses from the Social Sciences (SS) list. Two courses from the Cultures and Civilizations (CC) list (which includes intermediate-level foreign languages). Twelve hours of architecture electives (Architecture 300-599 or Interior Design 299-499). Sixteen hours of non-architecture electives, which must include one course from the Natural Sciences (NS) list with a laboratory and one course from the Communicating Orally (OC) list. Eleven hours of free electives.

⁴ One course from the following Design Studio Options – Architecture 482, 483, 485, 486, 489, or 490.

Formerly:

Fourth Year
 Architecture 4313
¹Architecture 471, 47212
³Electives18

Fifth Year
 Architecture 4624
 Architecture 4803
 Architecture 4813
⁴Design Course Option6
³Electives15

³ Elective distribution – Two courses from the Social Sciences (SS) list. Two courses from the Cultures and Civilizations (CC) list (which includes intermediate- level foreign languages). Twelve hours of architecture electives. Sixteen hours of non-architecture electives, which must include one course from the Natural Sciences (NS) list with a laboratory and one course from the Communicating Orally (OC) list. Eleven hours of free electives.

⁴ One course from the following Design Studio Options – Architecture 482, 483, 485, 486, or 489. Architecture 472 may be taken at any time in the last three semesters

ADD ELECTIVES LIST FOR INTERIOR DESIGN MAJOR

Program/Major/Minor	Requirement	2009 Course Options
Interior Design (p. 73)	Professional elective (3 hours)	Any interior design courses numbered 300-499 or any architecture courses numbered 300-599.

COLLEGE OF ARTS AND SCIENCES

All changes effective Fall 2009

PART I: COURSE CHANGES

DEPARTMENT OF ANTHROPOLOGY

(122) (ANTH) Anthropology

ADD

325 Migration and Transnationalism (3) Case studies of immigrant, refugee, and displaced populations and changing patterns of culture, identity, and community under conditions of globalization. Writing-emphasis course.

(RE) Prerequisite(s): 130.

[Add to Upper Level Distribution, Foreign Studies, Critical Issues]

419 Anthropology of Human Rights (3) Overview of the development and global spread of modern human rights concepts and instruments, with intensive focus on problems of universal rights, cultural relativism, and the anthropological study of specific human rights issues such as terror, torture, and violence against women. Writing emphasis course.

(RE) Prerequisite(s): 130.

486 Introduction to Forensic Anthropology (3) Introduction to forensic anthropology, the science that utilizes methods from skeletal biology and archaeology as tools in human identification in a medico-legal context. Covers the human skeleton and dentition, methods employed in the estimation of age, sex, ancestry, stature, time since death, and trauma, and working in a medico-legal setting.

(RE) Prerequisite(s): 110 and 480.

DROP

312 Appalachian Culture (3)

412 Folklore in Anthropology (3)

431 Ethnographic Research (3)

Equivalency Table

Current Course (122) Anthropology	Equivalent Course Effective Fall 2009 (122) Anthropology
431	531

SCHOOL OF ART

(140) (ART) Art

ADD AND REQUEST APPROVAL FOR VARIABLE TITLE

401 Arrowmont Special Topics (2-3) Various media.

Grading Restriction: Satisfactory/No Credit grading only.

Repeatability: May be repeated. Maximum 12 hours.

Registration Permission: Consent of instructor.

DROP

150 The Idea of Graphic Design (3)

REVISE CREDIT HOURS AND REQUEST APPROVAL FOR VARIABLE TITLE

201 Arrowmont Special Topics (2-3)

Formerly: (1-2)

(135) (ACER) Art Ceramics

ADD

496 Capstone (6) Students will engage in self-initiated research to demonstrate proficiency in ceramic art.

Registration Restriction(s): Minimum student level – senior

Registration Permission: Consent of instructor.

(136) (ADES) Art Design/Graphic

ADD

150 The Idea of Graphic Design (3) An overview of design as visual message-making and as an act of cultural interpretation. Contemporary and historic design and its forms are examined, along with an introduction to design and creative concepts, and the role of criticism and theory.

[Add to Humanities List C]

Equivalency Table

Current Course	Equivalent Course Effective Fall 2009
(140) 150	(136) 150

(137) (ADRA) Art Drawing

ADD

496 Capstone (6) Students will engage in self-initiated research to demonstrate proficiency in drawing.

Registration Restriction(s): Minimum student level – senior.

Registration Permission: Consent of instructor.

(139) (AHIS) Art History

ADD

375 Seminar in Art History I (3) Seminar for majors. Introduction to the practice and methodology of art history. Writing-emphasis course.

Recommended Background: 9 hours of art history courses, 3 of which must be upper division.

*** 402 Seminar in Art History II (3)** Seminar for majors. Builds on 375 but with an emphasis on research and effective written and oral presentation. Capstone class. **(WC)**

Repeatability: May be repeated. Maximum 6 hours.

(RE) Prerequisite(s): 375.

Registration Restriction(s): Minimum student level—junior.

DROP

*** 376 Seminar in Art History (3) (WC)**

Equivalency Table

Current Course	Equivalent Course Effective Fall 2009
(139) Art History	(139) Art History
* 376 (WC)	* 402 (WC)

(134) (AMED) Art Media Arts

ADD

232 Introduction to Performance as Art (3) Development of basic concepts and techniques for the creation of performance as an art form.

234 Introduction to Sound Art (3) Development of basic concepts and techniques for the creation of sound works as art forms.

401 Experiments in Sequencing (4) Advanced study and development of art or design works based on the concepts and techniques of sequencing.

Repeatability: May be repeated. Maximum 16 hours.

Recommended Background: Any 4D-Arts course or Art Design/Graphic 405 or permission of instructor.

402 Experiments in Space (4) Advanced study and development of art or design works based on the concepts and techniques of spatiality.

Repeatability: May be repeated. Maximum 16 hours.

Recommended Background: Any 4D-Arts course or Art Design/Graphic 405 or permission of instructor

403 Experiments in Systems (4) Advanced study and development of art or design works based on systemic concepts and techniques.

Repeatability: May be repeated. Maximum 16 hours.

Recommended background: Any 4D-Arts course or Art Design/Graphic 405 or permission of instructor.

432 Performance as Art (4) Advanced study and development of concepts and techniques for the creation of performance as an art form.

Repeatability: May be repeated. Maximum 16 hours.

(RE) Prerequisite(s): 232.

434 Sound Art (4) Advanced study and development of concepts and techniques for the creation of sound art with a focus on multidisciplinary forms.

Repeatability: May be repeated. Maximum 16 hours.

(RE) Prerequisite(s): 234.

496 Capstone (6) Students will engage in self-initiated research to demonstrate proficiency in media art.

Registration Restriction(s): Minimum student level – senior.

Registration Permission: Consent of instructor.

(138) (APAI) Art Painting

ADD

496 Capstone (6) Students will engage in self-initiated research to demonstrate proficiency in painting.

Registration Restriction(s): Minimum student level – senior.

Registration Permission: Consent of instructor.

(132) (APRI) Art Printmaking

ADD

496 Capstone (6) Students will engage in self-initiated research to demonstrate proficiency in printmaking.

Registration Restriction(s): Minimum student level – senior.

Registration Permission: Consent of instructor.

(143) (ASCU) Art Sculpture

ADD

496 Capstone (6) Students will engage in self-initiated research to demonstrate proficiency in sculpture.

Registration Restriction(s): Minimum student level – senior.

Registration Permission: Consent of instructor.

DEPARTMENT OF AUDIOLOGY AND SPEECH PATHOLOGY (MOVED TO UTHSC)

(160) AUSP) Audiology and Speech Pathology

REVISE TO MOVE ALL AUDIOLOGY AND SPEECH PATHOLOGY COURSES TO INDEPENDENT UNIT (SIMILAR TO UNIVERSITY STUDIES)

300 Introduction to Communication Disorders (3)

302 Acoustics and Perception (3)

303 Introduction to Hearing Science (3)

305 Phonetics (3)

306 Anatomy and Physiology of Speech (3)

320 Speech and Language Development (3)

431 Stuttering (3)

433 Observation of Clinical Practice (1)

434 Clinical Practice in Speech-Language Pathology II (1-4)

435 Introduction to Speech Sound Disorders (3)

440 Voice Disorders (3)

445 Clinical Practice in Audiology (1-4)

455 Problems in Speech Pathology (1-3)

457 Senior Honors Thesis (1-3)

461 Introduction to Language Pathology in Children (3)

473 Introduction to Audiologic Assessment (3)

475 Appraisal of Speech and Language Disorders (3)

491 Foreign Study (1-15)

492 Off-Campus Study (1-15)

493 Independent Study (1-15)

494 Introduction to Aural Habilitation/Rehabilitation of the Hearing Impaired (3)

499 Senior Seminar in Communication Sciences and Disorders (3)

Formerly:

Housed under College of Arts and Sciences

From a memo to THEC from President John Peterson regarding the transfer of A & SP to UTHSC:

"The 2008-09 UTK *Undergraduate Catalog* (the current academic year) will be the last catalog to list the undergraduate degrees in Audiology and Speech Pathology (A & SP). Students wishing to pursue the major programs in that department must declare their majors by the beginning of the fall semester 2010, and shall graduate under the 2008-09 catalog. Courses will be in place to allow those students to graduate in a timely manner. All students pursuing the undergraduate A & SP degrees under the 2008-09 catalog must graduate by August 2014. These undergraduate students will remain Knoxville students and will not transfer to UTHSC. Courses will be available for undergraduate students to: (1) allow UT-Knoxville students to acquire the minimum prerequisites to the graduate programs offered by A & SP at UTHSC and (2) serve the needs of students in the College of Education, Health, and Human Sciences and the College of Arts and Sciences who currently require A & SP courses for a concentration in Special Education."

DEPARTMENT OF BIOCHEMISTRY AND CELLULAR AND MOLECULAR BIOLOGY

(188) (BCMB) Biochemistry and Cellular and Molecular Biology

ADD

311 Advanced Cellular Biology (3) Cellular structure and function at the molecular and supramolecular level. Topics include protein structure and function, membrane structure and function, signal transduction and cell regulation, mitosis and the cell cycle, cytoskeleton and cell motility, cell-cell interactions and tissues.

(RE) Prerequisite(s): *Biology 240*.

DROP

411 Advanced Cellular Biology (3)

Equivalency Table

Current Course (188) BCMB	Equivalent Course Fall 2009 (188) BCMB
411	311

REVISE (RE) AND (DE) PREREQUISITES

321 Introductory Plant Physiology (4)

(RE) Prerequisite(s): *Chemistry 130 or 138*.

(DE) Prerequisite(s): *Biology 101 and 102 or Biology 111 and 112 or Biology 130 and 140*.

Formerly:

(RE) Prerequisite(s): *Chemistry 120 and Chemistry 130*.

(DE) Prerequisite(s): *Biology 101 and 102 or Biology 130 and 140*.

REVISE DESCRIPTION, REMOVE (RE) PREREQUISITE, ADD RECOMMENDED BACKGROUND

420 Advanced Topics in Biochemistry and Cellular and Molecular Biology (3) Selected topics of current research interest in the areas of biochemistry, enzymology, structural biology, molecular biology and genetics, cellular and developmental biology, neurobiology, endocrinology, bioenergetics, computational biology, plant biology, etc. Emphasis on original literature and the experimental basis of current knowledge. Historical background, societal impact, ethical and moral implications, and future development of technologies.

Recommended Background: Senior standing in BCMB concentration.

Formerly: Selected topics of current research interest, e.g., allosteric theory and control of protein function, immunochemistry, regulation of gene expression, bioenergetics, etc. Emphasis on original literature and the experimental basis of current knowledge. Historical background, societal impact, ethical and moral implications, and future development of technologies. Written reports required.

Writing-emphasis course.

(RE) Prerequisite(s): *401*.

DEPARTMENT OF CLASSICS

(257) (CLAS) Classics

REVISE TITLE AND DESCRIPTION

273 Medical Terminology (3) Extensive introduction to the language of medicine. This is an online course.

Formerly: *Medical and Scientific Terminology (3)* Greek and Latin roots from which medical and scientific terminology is derived.

Extensive practice in analysis of terms. Practice in use of Latin nomenclature.

REVISE (RE) PREREQUISITE

352 Roman Lyric Poetry (3)

(RE) Prerequisite(s): *252*.

Formerly:

(RE) Prerequisite(s): *351*.

DEPARTMENT OF EARTH AND PLANETARY SCIENCES**(424) (GEOL) Geology**

ADD

104 Exploring the Planets (4) Spacecraft investigation of the geology and geological processes operating on and within planetary bodies, as well as satellites, asteroids, and comets. Topics include planetary formation processes, composition of the planets and their atmospheres, formation of moons and other small bodies, geologic processes (tectonics, volcanism, water- and wind-driven processes, climate evolution, impact cratering) that affect planetary surfaces, and the spacecraft missions that have provided data for geologic interpretation.

Contact Hour Distribution: 3 hours lecture and one 2-hour lab.

[Add to Natural Sciences, List A]

451 Planetary Geomorphology (3) A survey of planetary processes and geomorphology. Important planetary processes, including impact cratering, volcanogenic, fluvial, Aeolian, glacial/periglacial, coastal, and tectonic processes will be evaluated in terms of their physical effect on planetary surfaces and their resultant geomorphic expression. Course will include instruction and utilization of GIS.

Recommended Background: Introductory geology or consent of instructor.

456 Global Climate Change (3) Examines natural and anthropogenic changes in global climate systems. Topics include biogeochemical cycles of greenhouse gases and the water cycle, including water resources and pollutants and changes in the biosphere (extinctions) as both cause and effects of physical global changes. Historical (baseline) dynamics are compared to current changes in order to predict human impacts and suggest technical and policy solutions.

Recommended Background: Introductory geology or consent of instructor.

459 Introduction to Oceanography (3) Principles of oceanography, including physical, chemical, geological, and biological processes and patterns. Emphasis on the physical, chemical, and geologic structure of the oceans and their role in oceanic circulation, global climate change, and the biogeochemical evolution of the oceans through geologic time.

Recommended Background: Introductory geology or consent of instructor.

REVISE RECOMMENDED BACKGROUND

425 Data Analysis for Geoscientists (3)

Recommended Background: Introductory geology and introductory calculus, or consent of instructor.

Formerly:

Recommended Background: Introductory geology and introductory calculus.

DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY**(278) (EEB) Ecology And Evolutionary Biology**

ADD

306 Ecology and Society (3) Issues and controversies in ecology and their biological, social, and economic significance.

Credit Restriction: May not be applied toward the ecology and evolutionary biology concentration.

(DE) Prerequisite(s): Biology 130 or Biology 101 and 102 or Biology 111 and 112.

353 Comparative Vertebrate Biology (4) Study of vertebrate animals, including identification, phylogeny, ecology and structural, behavioral, and physiological adaptations. Lab emphasizes local diversity of birds, mammals, reptiles, amphibians, and freshwater fish.

Contact Hour Distribution: 3 hours lecture and a 3 hour lab.

(DE) Prerequisite(s): Biology 130 or Biology 101 and 102 or Biology 111 and 112.

404 Ecosystem Ecology (3) Integrated study of biotic and abiotic components of ecosystems and their interactions with emphasis on southeastern ecosystems and current topics such as global change and species invasions.

(DE) Prerequisite(s): Biology 250.

405 Ecosystem Ecology Laboratory (2) Introduction to observational and experimental research in ecosystem ecology including field measurement of components of the carbon and nitrogen cycle, field and green house experiments, and laboratory manipulations. Requires periodic field trips to research sites and at least one overnight field trip.

(DE) Corequisite(s): 404.

415 Field Ecology (4) Study of the field methods to examine fundamental concepts in ecology, including development of skills in hypothesis development, experimental design, field observation, plant, animal and microbial sampling techniques, data reduction and statistical analysis, and written and oral presentations.

Contact Hour Distribution: Lectures and field trips.

(DE) Prerequisite(s): Biology 250.

DROP

446 Introduction to Oceanography (4)

Equivalency Table

Current Course	Equivalent Course Fall 2009
(278) EEB 446	(424) Geology 459

DROP

465 Evolutionary and Functional Vertebrate Morphology (4)

DEPARTMENT OF ENGLISH

(339) (ENGL) English

ADD (HONORS VERSION OF 255)

* **257 Honors: Public Writing (3)** Enriched section of 255. **(WC)**
 (RE) Prerequisite(s): 102 or 118.
 Registration Restriction(s): 3.25 GPA.

ADD (HONORS VERSION OF 355)

* **357 Honors: Rhetoric and Writing (3)** Enriched section of 355. **(WC)**
 (RE) Prerequisite(s): 102 or 118.
 Registration restriction(s): 3.25 GPA.

ADD

366 Writing Creative Nonfiction (3) Introduction to the technical and stylistic elements of writing creative nonfiction.
 (RE) Prerequisite(s): 102 or 118.

ADD (HONORS VERSION OF 363)

* **367 Honors: Writing Poetry (3)** Enriched section of 363. **(WC)**
 (RE) Prerequisite(s): 102 or 118.
 Registration restriction(s): 3.25 GPA.

ADD (HONORS VERSION OF 364)

* **368 Honors: Writing Fiction (3)** Enriched section of 364. **(WC)**
 (RE) Prerequisite(s): 102 or 118.
 Registration restriction(s): 3.25 GPA.

ADD (HONORS VERSION OF 376)

377 Honors: Colloquium in Literature (3) Enriched section of 376.
 (RE) Prerequisite(s): 102 or 118.
 Registration restriction(s): 3.25 GPA.
 Recommended Background: 200-level literature package.

ADD (HONORS VERSION OF 499)

* **497 Honors: Senior Seminar (3)** English honors capstone experience. Enriched section of 499. Intensive study of an author, period, genre, or of problems in language, literary history, or theory. Content varies, but all sections address problems of value from an interdisciplinary perspective. Substantial research paper required. **(WC)**
 (RE) Prerequisite(s): 102 or 118.
 Comment(s): Completion of 15 upper-division hours in English required.
 Registration Restriction(s): English major; 3.25 GPA.

REVISE TO ADD (RE) PREREQUISITE(S)

* **206 Introduction to Shakespeare (3) (AH) (WC)**
 (RE) Prerequisite(s) 102 or 118.

REVISE DESCRIPTION

* **499 Senior Seminar (3)** Intensive study of an author, period, genre, or of problems in language, literary history, or theory. Content varies, but all sections address problems of value from an interdisciplinary perspective. Substantial research paper required. Capstone experience. **(WC)**

Formerly: Intensive study of an author, period, genre, or of problems in language, literary history, or theory. Content varies, but all sections address problems of value from an interdisciplinary perspective. Substantial research paper required. Capstone experience. Writing-emphasis course.

INTERDISCIPLINARY PROGRAMS

(099) (AMST) American Studies

REVISE TITLE (SECONDARY CROSS-LISTED COURSE)

345 Social Movements (3) (*See Sociology 345.*)

Formerly: Collective Behavior and Social Movements

(145) (ASST) Asian Studies

DROP

* **101 Asian Civilization (3) (CC)**

[Remove 101 and 102 from distribution requirements]

DEPARTMENT OF MICROBIOLOGY

(684) (MICR) Microbiology

REVISE CONTACT HOUR DISTRIBUTION

* **210 General Microbiology (3) (NS)**

Contact Hour Distribution: 3 hours lecture and one 2 hour lab.

Formerly: 2 hours and 2 labs.

REVISE DESCRIPTION

310 Introduction to Microbiology (3) Fundamental concepts in microbiology: structure and function of microbial cells; roles of microbes in nature and society; microbial diseases and immunity.

Formerly: Introduction to bacteria and viruses, including physiology, metabolism, genetics of bacteria, replication and expression of viruses, bacterial and viral pathogenicity, and mechanisms of resistance to disease.

320 Advanced Microbiology (3) Discussion of selected themes in microbiology with a focus on the recent primary literature.

Formerly: Cell and molecular biology of microorganisms. Principles and applications in modern technological society. Intended for students in the microbiology concentration.

REVISE DESCRIPTION AND DELETE (RE) COREQUISITE

329 Advanced Microbiology Laboratory (2) Laboratory exercises designed to introduce the student to molecular microbiology techniques.

Formerly: Laboratory exercises designed to accompany 320.
(RE) Corequisite(s): 320.

REVISE DESCRIPTION AND REMOVE (DE) PREREQUISITE(S)

401 Undergraduate Research in Microbiology (3) Research experience in laboratory of faculty member.

Formerly: Research experience in laboratory of faculty member with faculty committee guidance.
(DE) Prerequisite(s): 310, 319, 320, 329.

REVISE TO DELETE (RE) PREREQUISITE

495 Senior Seminar (3)

Formerly:
RE: Prerequisite(s): 320.

MODERN FOREIGN LANGUAGES AND LITERATURES**(686) (MFLL) Modern Foreign Languages and Literatures**

ADD

495 Proficiency Exam (0) Exam required to show proficiency in the language of choice.*Grading Restriction(s): Satisfactory/No Credit grading only.**Repeatability: May be repeated. Maximum 3 times.***(405) (FREN) French**

ADD

123 Intensive Elementary French (6) Introduction to French.*Credit Restriction: Not available to students eligible for 150.**Comment(s): This course is equivalent to 111 and 112.**** 223 Intensive Intermediate French (6) (CC)***(DE) Prerequisite(s): 112 or 123 or 150 or departmental placement exam.**Comment(s): Students who place in 200-level courses from high school will receive 6 hours of elementary French credit.**This course is equivalent to 211 and 212.***Equivalency Table**

Current Courses (405)	Equivalent Course Fall 2009 (405)
111 and 112	123
* 211 (CC) and 212 (CC)	* 223 (CC)

DROP

300 Transitional Grammar Review and Reading (3)

REVISE (DE) PREREQUISITE(S)

*** 211 Intermediate French I (3) (CC)***(DE) Prerequisite(s): 112 or 123 or 150 or departmental placement exam.*

Formerly:

(DE) Prerequisite(s): 150 or 112 or departmental placement exam.

REVISE COMMENT(S)

*** 218 Honors: Intermediate French II (3) (CC)***Comment(s): Incoming freshmen are admitted on the basis of diagnostic test, high school average, and performance on ACT. Students with a grade of A in 211 may enter 218 with permission of instructor.*

Formerly:

Comment(s); Incoming freshmen are admitted on the basis of diagnostic test, high school average, and performance on ACT. Students with a grade of A in 211 may enter 218 with permission of instructor. Credit for 300 is given to students receiving a grade of A or B in 218.

REMOVE (RE) PREREQUISITE(S), ADD (DE) PREREQUISITES

333 Intermediate Composition and Grammar (3)*(DE) Prerequisite(s): 212 or 218 or 223 or departmental placement exam.*

Formerly:

(RE) Prerequisite(s): 212 or 218.

REVISE DESCRIPTION TO ADD WRITING EMPHASIS

351 History of French Literature I (3) Chronological overview of French literature and culture from the Middle Ages to 1800. Writing-emphasis course.**352 History of French Literature II (3)** Chronological overview of French literature and culture from 1800 to the present. Writing-emphasis course.

(433) (GERM) German

ADD

123 Intensive Elementary German (6) Introduction to German.*Credit Restriction: Not available to students eligible for 150.**Comment(s): This course is equivalent to 101 and 102. If at least two years of German were taken in high school, a placement exam is required.**** 223 Intensive Intermediate German (6)(CC)***(RE) Prerequisite(s): 102 or 150.**Comments: This course is equivalent to 201 and 202.*

Equivalency Table

Current Courses (433)	Equivalent Course Fall 2009 (433)
101 and 102	123
*201(CC) and 202 (CC)	* 223 (CC)

REVISE (DE) PREREQUISITE(S):

*** 201 Intermediate German I (3) (CC)***(DE) Prerequisite(s): 102 or 123 or 150.*

Formerly:

(DE) Prerequisite(s): 102 or 150 or placement exam.

REVISE TO ADD DESCRIPTION, DELETE RECOMMENDED BACKGROUND, ADD (RE) PREREQUISITE(S)

301 Introduction to German Literature (3) Writing-emphasis course.*(RE) Prerequisite(s): 202 or 223.*

Formerly: No description.

Recommended Background: 202 or placement exam.

REVISE TO ADD DESCRIPTION, DELETE RECOMMENDED BACKGROUND, ADD (RE) PREREQUISITE(S)

302 Introduction to German Literature (3) Writing-emphasis course.*(RE) Prerequisite(s): 202 or 223.*

Formerly: No description.

Recommended Background: 202 or placement exam.

REVISE DESCRIPTION TO ADD WRITING EMPHASIS AND ADD (RE) PREREQUISITE

305 Readings in German (3) Topics in both literary and nonliterary fields. Students or student groups are encouraged to suggest topics for future courses. Writing-emphasis course.*(RE) Prerequisite(s): 202 or 223.*

Formerly: Topics in both literary and nonliterary fields. Students or student groups are encouraged to suggest topics for future courses. Writing-emphasis course.

REVISE RECOMMENDED BACKGROUND

311 Conversation and Composition (3)*Recommended Background: 202 or 223 or departmental placement exam.*

Formerly:

*Recommended Background: 202 or placement exam.***312 Conversation and Composition (3)***Recommended Background: 202 or 223 or departmental placement exam.*

Formerly:

Recommended Background: 202 or placement exam.

REVISE CREDIT RESTRICTION

331 Elements of German for Upper-Division and Graduate Students (3)*Credit Restriction: No credit for students who have completed 123.*

Formerly:

Credit Restriction: No credit for students who have completed 101-102.

332 Elements of German for Upper-Division and Graduate Students (3)

Credit Restriction: No credit for students who have completed 123.

Formerly:

Credit Restriction: No credit for students who have completed 101-102.

REVISE (RE) PREREQUISITE(S)

415 German Special Topics (3)

(RE) Prerequisite(s): 202 or 223.

Formerly:

(RE) Prerequisite(s): 202..

REVISE (RE) COREQUISITE(S)

416 Metropolis Revisited (3)

(RE) Corequisite(s): 102 or 123.

Formerly:

(RE) Corequisite(s): 101 and 102.

REVISE TO INSERT WRITING-EMPHASIS COURSE (AT END OF DESCRIPTION)

419 German Fairy Tales and Literary Fantasies (3)**420 Selected Topics in German Literature from 1750 to the Present (3)****431 Images of Nature and the Body in German Culture (3)****432 German Creative Thinking: Interdisciplinary Dialogues (3)****433 Nation, Race, and Ethnicity (3)****434 Extraordinary Wo(Men)—Outcasts, Rebels, Martyrs, and Saints (3)****(584) (ITAL) Italian**

ADD

123 Intensive Elementary Italian (6) Introduction to Italian.

Comment(s): This course is equivalent to 111 and 112.

*** 223 Intensive Intermediate Italian (6)** Stresses reading, writing, listening, and speaking of Italian to prepare for upper-division courses in the language. **(CC)**

(RE) Prerequisite(s): 112 or 123.

Comment(s): This course is equivalent to 211 and 212.

Equivalency Table

Current Courses (584)	Equivalent Course Fall 2009 (584)
111 and 112	123
*211 (CC) and 212 (CC)	* 223 (CC)

REVISE (RE) PREREQUISITE(S)

*** 211 Intermediate Italian (3) (CC)**

(RE) Prerequisite(s): 112 or 123.

Formerly:

(RE) Prerequisite(s): 112.

(811) (PORT) Portuguese

ADD

123 Intensive Elementary Portuguese (6) Introduction to Portuguese.

Comment(s): This course is equivalent to 111 and 112.

*** 223 Intensive Intermediate Portuguese (6)** Stresses reading, writing, listening, and speaking of Portuguese to prepare for upper-division courses in the language. Language laboratory required. (CC)

(RE) Prerequisite(s): 112 or 123.

Comment(s): This course is equivalent to 211 and 212.

Equivalency Table

Current Courses (811)	Equivalent Course Fall 2009 (811)
111 and 112	123
*211 (CC) and 212 (CC)	* 223 (CC)

REVISE (RE) PREREQUISITE(S)

*** 211 Intermediate Portuguese (CC)**

(RE) Prerequisite(s): 112 or 123.

Formerly:

(RE) Prerequisite(s): 112.

REVISE DESCRIPTION AND RECOMMENDED BACKGROUND

301 Cultural Readings in Portuguese (3) Emphasis on key areas of the language, literature, and other cultural aspects of the Portuguese-speaking world. Taught in Portuguese. Writing-emphasis course.

Recommended Background: 212 or 223 or 400.

Formerly:

Emphasis on key areas of the language, literature, and other cultural aspects of the Portuguese-speaking world. Taught in Portuguese.

Recommended Background: 212 or 400.

REVISE DESCRIPTION RECOMMENDED BACKGROUND OF PRIMARY CROSS-LISTED COURSE

303 Highlights of Brazilian Civilization (3) (Same as Latin American Studies 303.)

Recommended Background: 212 or 223 or 400.

Recommended Background: 212 or 400.

REVISE TO REMOVE (RE) PREREQUISITES AND ADD RECOMMENDED BACKGROUND

309 Intermediate Conversation and Composition (3)

Recommended Background: 212 or 223 or 400.

Formerly:

(RE) Prerequisite(s): 212 or 400.

(924) (SPAN) Spanish

ADD

123 Intensive Elementary Spanish (6) Introduction to Spanish.

Credit Restriction: Not available to students eligible for 150.

Comment(s): This course is equivalent to 111 and 112.

*** 223 Intensive Intermediate Spanish (6) (CC)**

(DE) Prerequisite(s): 112 or 123 or 150 or departmental placement exam.

Comment(s): Students who place in 200-level courses from high school will receive 6 hours of elementary Spanish credit.

This course is equivalent to 211 and 212.

Equivalency Table

Current Courses (924)	Equivalent Course Fall 2009 (924)
111 and 112	123
*211 (CC) and 212 (CC)	* 223 (CC)

REVISE (DE) PREREQUISITE(S)

*** 211 Intermediate Spanish I (3) (CC)**

(DE) Prerequisite(s): 112 or 123 or 150 or departmental placement exam.

Formerly:

(DE) Prerequisite(s): 150 or 112.

REVISE (DE) PREREQUISITE(S)

300 Transition: Composition and Grammar through Reading (3)

(DE) Prerequisite(s): 212 or 218 or 223 or departmental placement exam.

Formerly:

(DE) Prerequisite(s): 212 or 218 or departmental placement exam)

SCHOOL OF MUSIC

(698) (MUSC) Music General

ADD

305 The Business of Music (2) Discussion of aspects of the music business including contracts, taxes, marketing, accounting, and management.

Repeatability: May be repeated. Maximum 4 hours.

Registration Permission: Consent of instructor.

497 Honors Senior Project (1-3) Completion of a project for the honors program. Projects may take the form of an additional recital, a recital paper, a curriculum proposal, or a research paper suitable for publication or presentation at a conference.

Repeatability: May be repeated. Maximum 6 hours.

Registration Permission: Admission to music honors program.

(714) (MUTH) Music Theory

ADD

101 Theory Workshop (1) Self-paced music tutorial for students needing additional help in theory classes.

Grading Restriction: Satisfactory/No Credit grading only.

Repeatability: May be repeated. Maximum 10 hours.

451 Special Topics in Music Theory (3) Intensive study in a particular area of music theory, analysis, or pedagogy.

Repeatability: May be repeated. Maximum 9 hours.

(RE) Prerequisite(s): 310.

Registration Permission: Consent of instructor.

490 Music Theory Practicum (1) Supervised experience in the theory classroom including tutoring, test construction and grading, materials preparation. Weekly meetings with faculty.

Grading Restriction: Satisfactory/No Credit grading only.

Repeatability: May be repeated. Maximum 4 hours.

(RE) Prerequisite(s): 310.

Registration Permission: Consent of instructor.

DEPARTMENT OF PHYSICS AND ASTRONOMY

(773) (PHYS) Physics

REVISE (RE) PREREQUISITE(S)

341 Introduction to Nuclear Physics (3)

(RE) Prerequisite(s): 232 or 250.

Formerly:

(RE) Prerequisite(s): 232 or 240.

342 Structure of Matter (3)

(RE) Prerequisite(s): 232 or 250.

Formerly:

(RE) Prerequisite(s): 240 or 232.

411 Introduction to Quantum Mechanics (3)

(RE) Prerequisite(s): 250 and Mathematics 435.

Formerly:

(RE) Prerequisite(s): 240 and Mathematics 435.

441 Contemporary Physics I (3)
(RE) Prerequisite(s): 250 and 312.

Formerly:
(RE) Prerequisite(s): 240 and 312.

REVISE (DE) PREREQUISITE(S)

461 Modern Physics Laboratory (3)
(DE) Prerequisite(s): 250 or 411.

Formerly:
(DE) Prerequisite(s): 240 or 411.

DEPARTMENT OF POLITICAL SCIENCE**(801) (POLS) Political Science**

ADD

364 Introduction to Comparative Politics (3) Fundamentals of comparative political inquiry, including what comparative politics constitutes, how comparative study of political systems is done, and major issues in comparative politics.

DEPARTMENT OF SOCIOLOGY**(915) (SOCL) Sociology**

REVISE COMMENT(S)

*** 117 Honors: Social Justice and Social Change (3) (SS)**

Comment(s): Open to Chancellor's Honors Program students, other honors students, and students with a minimum GPA of 3.25; 28 ACT composite or 1200 SAT required for incoming students.

Formerly:
Comment(s): 3.00 GPA required for first-year students; 28 ACT composite or 1200 SAT required for incoming students.

*** 127 Honors: General Sociology (3) (SS)**

Comment(s): Open to Chancellor's Honors Program students, other honors students, and students with a minimum GPA of 3.25; 28 ACT composite or 1200 SAT required for incoming students.

Formerly:
Comment(s): 3.00 GPA required for first-year students; 28 ACT composite or 1200 SAT required for incoming students.

REVISE CREDIT HOURS AND COURSE DESCRIPTION

*** 260 Introduction to the Study of Environmental Issues (3)** Examination of selected environmental issues and their significance in contemporary societies. Demonstrates the utility of combining sociological and humanistic perspectives of the environment with the more traditional biophysical perspectives. **(WC)**

Formerly: (2)
Examination of selected environmental issues and their significance in contemporary societies. Demonstrates the utility of combining sociological and humanistic perspectives of the environment with the more traditional biophysical perspectives. Writing-emphasis course.

REVISE COMMENT(S)

321 Sociological Theory (3)

Comment(s): Honors equivalents 117 or 127 are alternate prerequisites. Grade of C or higher required in the prerequisite, or consent of the instructor.

Formerly:
Comment(s): C or higher in 110 or 120 required.

331 Sociological Research (3)

Comment(s): Must earn grade of C or higher in 110 or 120 (or honors equivalents 117 or 127).

Formerly:
Comment(s): C or higher in 110 or 120 required.

REVISE TITLE OF PRIMARY CROSS-LISTED COURSE AND DESCRIPTION

345 Social Movements (3) Emphasizes collective action leading to social change, especially social protest. Addresses strategies, ideologies, and outcomes of social movements. *(Same as American Studies 345.)*

Formerly: Collective Behavior and Social Movements (3) Collective phenomena leading to social change. Response to disaster, popular crazes, and social protests and development, organization, and function of social movements. Emphasis on American cases. (Same as American Studies 345.)

REVISE TO REMOVE RECOMMENDED BACKGROUND

451 Criminal Justice (3)

Formerly:

Recommended Background: Completion of 350.

REVISE TO ADD COMMENT

491 Foreign Study (1-15)

Comment(s): Prior departmental approval of number of hours and topics is required.

492 Off-Campus Study (1-15)

Comment(s): Prior departmental approval of number of hours and topics is required.

493 Independent Study (1-15)

Comment(s): Prior departmental approval of number of hours and topics is required.

ADD REGISTRATION PERMISSION

*** 495 Social Justice and Community Service (3) (WC)**

Registration Permission: Consent of instructor.

PART II: PROGRAM CHANGES

REVISE DIVISIONAL DISTRIBUTION REQUIREMENTS AND CATALOG TEXT

Part A: Divisional Distribution Requirements, Natural Science, List A:

Add Geology 104

Part A: Divisional Distribution Requirements, Natural Science, List B:

Add Entomology and Plant Pathology 201

Add Forestry, Wildlife and Fisheries 250

Add Nutrition 100

Part A: Divisional Distribution Requirements, Social Science, List A:

Add Child and Family Studies 210, 220

Part A: Divisional Distribution Requirements, Humanities, List A—Literature:

Drop Comparative Literature 203

Part A: Divisional Distribution Requirements, Humanities, List C—Study or Practice of the Arts:

Add Architecture 117, 211, 212, 217, 218

Add Art Design/Graphic 150

Drop Art Design/Graphic 191 and Art Printmaking 191

Drop Communication Studies 280

Part A: Divisional Distribution Requirements, Non-U.S. History:

Drop Asian Studies 101-102

Part B: Upper Level Distribution Requirements, List A—U.S. Studies:

Remove Art History 483

Remove Geology 381

Change History 445 to 379

Change History 446 to 380

Change History 451 to 349

Change History 453 to 325

Drop History 483

Part B: Upper Level Distribution Requirements, List B—Foreign Studies, Africa:

Remove Geography 379

Part B: Upper Level Distribution Requirements, List B—Foreign Studies, Europe:

Change History 432 to 324
Drop Medieval Studies 425

Part B: Upper Level Distribution Requirements, List B—Foreign Studies, Latin America:

Change History 460 to 344
Change History 462 to 343
Drop History 461 and 463
Drop Latin American Studies 372 and 461 and 463

Part B: Upper Level Distribution Requirements, List B—Foreign Studies, Middle East:

Change History 366 to 400

Part B: Upper Level Distribution Requirements, List B—Foreign Studies, Critical Issues in Foreign Studies:

Add Anthropology 325
Drop Sociology 360, 465
Drop History 374
Drop Geography 351

On page 77 of the 2008-2009 *Undergraduate Catalog*, first column, last section, revise heading to

Quantitative Reasoning

Formerly: Mathematics and Quantitative Reasoning

On page 77 of the 2008-2009 *Undergraduate Catalog*, second column, last section, revise heading to

Arts and Humanities

Formerly: Humanities

On page 78 of the 2008-2009 *Undergraduate Catalog*, Upper Level Distribution Requirements, List B foreign Studies, make the following revisions.

REMOVE

The second paragraph under List B - Foreign Studies which begins, "In addition to the courses listed here, this requirement may be satisfied by literature courses taught in Chinese, French, German, . . ."

ADD

At the end of the foreign studies section after the category entitled Critical Issues in Foreign Studies, add a new category and courses:

Literature Courses Taught in a Foreign Language

Asian Languages 451, 452; Classics 351, 352, 401, 402, 405, 406, 414, 431, 432, 435, 471, 472; French 351, 352, 410, 411, 412, 413, 414, 415, 430; German 301, 302, 305, 419, 420, 431, 432, 433, 434; Italian 411; Portuguese 301; Russian 451, 452; Spanish 330, 332, 333, 334, 433, 479, 480, 482, 484, 486

REVISE POLICY FOR OPTIONAL MULTIPLE MAJORS

On page 79 of the 2008-2009 *Undergraduate Catalog*, column one, Optional Multiple Majors, first sentence, revise to:

After the general requirements of basic skills, distribution and a major have been satisfied, additional majors may be recorded on the transcript without regard to course overlap among majors or among the additional majors and basic skills and distribution requirements, provided a minimum of 18 distinct credit hours differentiates the primary major from the additional majors.

Formerly:

After the general requirements of basic skills, distribution and a major have been satisfied, additional majors may be recorded on the transcript without regard to course overlap among majors or among the additional majors and basic skills and distribution requirements.

CLINICAL LABORATORY SCIENCE

REVISE CLINICAL LABORATORY SCIENCE MAJOR (FIRST AND THIRD YEARS)

First Year

Delete:

Communicating Orally (OC) course* 3

Third Year

Delete:

Chemistry 310, 319..... 4

Add:

Communicating Orally (OC) course* 3

Total Hours 120 (minimum)

PRE-PROFESSIONAL PROGRAMS

REVISE NUCLEAR MEDICINE TECHNOLOGY CONCENTRATION (FIRST YEAR)

First Year

¹Mathematics* 3-4

Formerly:

¹Mathematics* 6-8

ECONOMICS MAJOR (ARTS AND SCIENCES)

REVISE REQUIREMENTS FOR ECONOMICS MAJOR

On page 94 of the 2008-2009 *Undergraduate Catalog*, revise first sentence, second paragraph to:

The major consists of 27 upper-division hours in economics and must include 311, 313 and at least 9 hours at the 400-level.

Formerly:

The major consists of 27 upper division hours in economics and must include 311, 313, 499 and at least 9 hours in addition to 499 at the 400-level.

STATISTICS MAJOR (ARTS AND SCIENCES)

REVISE REQUIREMENTS FOR STATISTICS MAJOR

On page 118 of the 2008-2009 Undergraduate Catalog, revise third bullet to:

- Two courses selected from Statistics 474, 475; Mathematics 423, 424, 425.

Formerly:

Two courses selected from Statistics 472, 473, 474, 475; Mathematics 423, 424, 425.

DEPARTMENT OF ANTHROPOLOGY

REVISE ANTHROPOLOGY MAJOR

On page 83 of the 2008-2009 Undergraduate Catalog, revise as follows.

Cultural area

One course from 310, 311, 313, 315, 316, 319, 320, 322, 323, 324, 325.

Formerly:

One course from 310, 311, 312, 313, 315, 316, 319, 320, 322, 323, 324.

Cultural method and theory

One course from 410, 411, 413, 414, 415, 416, 419.

Formerly:

One course from 410, 411, 412, 413, 414, 415, 416, 431.

Biological anthropology

Two courses from 480, 485, 486, 490, 494, 495, 496.

Formerly: Two courses from 480, 485, 490, 494, 495, 496.

SCHOOL OF ART**REVISE SCHOOL OF ART PROGRESSION POLICY**

On page 84 of the 2008-2009 Undergraduate Catalog, 2nd column, paragraph following core courses, revise to:

Students applying to the School of Art will be admitted into the program in rank order of cumulative grade point average as space allows. The overall record will be evaluated for quality and seriousness of purpose. Excessive absences, withdrawals, incompletes or repeated courses may result in denial of progression. Progression into the School of Art does not guarantee progression into a chosen concentration. Acceptance into a concentration will follow successful completion of concentration progression requirements.

Formerly: Those applying will be admitted into the program in rank order of cumulative average as space allows. The overall record will be evaluated for quality and seriousness of purpose. Excessive absences, withdrawals, incompletes or repeated courses may result in denial of progression. Progression into the School of Art does not guarantee progression into a chosen concentration. Progression into a concentration will follow successful completion of a concentration Portfolio Review.

◆ DROP THE SEVEN CONCENTRATIONS OF THE STUDIO ART MAJOR (BFA)

CERAMICS
DRAWING
MEDIA ARTS
PAINTING
PRINTMAKING
SCULPTURE
WATERCOLOR

◆ ADD THREE CONCENTRATIONS TO STUDIO ART MAJOR (BFA)

TWO-DIMENSIONAL ARTS
THREE-DIMENSIONAL ARTS
FOUR-DIMENSIONAL ARTS

On page 84 of the 2008-2009 Undergraduate Catalog, Bachelor of Fine Arts, Studio Art Major, delete all text (including dropped concentrations, and replace with the following to add three new concentrations (Two-Dimensional Arts, Three-Dimensional Arts, Four-Dimensional Arts).

BACHELOR OF FINE ARTS • STUDIO ART MAJOR

The Bachelor of Fine Arts with a major in studio art is a professionally-oriented degree intended for those students planning careers or graduate study in the visual arts. To qualify for a BFA in with a major in studio art, students must meet the progression requirements in their concentration. Contact specific program area faculty for review of schedules and details. It should not be assumed that a high grade point average in the concentration itself assures fulfilling progression requirement. Before choosing a concentration, students should contact their faculty advisor to see what options are offered in the event they do not fulfill progression requirements.

Students seeking the Bachelor of Fine Arts should also consider pursuing a minor in art history.

Transfer students are advised that a minimum of 20 hours in studio courses must be earned at the University of Tennessee, Knoxville. Students should be cautioned that art courses taken at another institution may not apply toward their concentration. Art Drawing 212 and Art Painting 214 must be taken at the University of Tennessee, Knoxville, if they are to count toward the concentration. Courses not accepted for application toward a concentration may be counted toward other requirements.

No grade below C in art courses may be applied to the Bachelor of Fine Arts major. A minimum of 42 credit hours, 300-level or above, must be earned prior to graduation.

Students may be accepted into advanced concentrations in two-dimensional, three-dimensional and four-dimensional arts after passing the appropriate progression requirements.

Art Education

The School of Art recommends the Bachelor of Fine Arts for those students pursuing licensure to teach art in schools K-12. Students must also contact the College of Education, Health, and Human Sciences for further requirements.

**Requirements for the Bachelor of Fine Arts - Studio Art Major
(Two-Dimensional, Three-Dimensional, and Four Dimensional Concentrations)**

	Hours Credit
Foundation	
Art 101, 102, 103.....	9
Art History 172* and 173* and 162* or 183*	9
Art History Electives (Upper Division	6
Art Drawing 211	3
Three 200-level studio courses, one from each concentration (see list below).....	9
One additional 200-level studio course from any concentration (see list below), which may include one course from Art Design/Graphic	3
Concentration (Two Dimensional Arts, Three-Dimensional Arts, or Four-Dimensional Arts - See below for the list of courses that apply for each concentration.	
200 level studio course	3
300-400 level concentration courses	16
300-400 level studio electives (may be taken in other programs/departments in consultation with departmental advisor).....	16
Capstone (course 496)	6
General Curriculum (consult University General Education Requirement for appropriate choices within each category)	
English 101*, 102* or their equivalent.....	6
Quantitative Reasoning (2 courses)*	6
Natural Sciences (2 courses; at least one with laboratory)*	7
Social Sciences (2 courses)*	6
¹ Foreign Language (intermediate level sequence)*	6-10
Communicating through Writing*	3
Communicating Orally*	3
Arts and Sciences Non-Art Elective	3
	Total 120-124

* Meets University General Education Requirement.

¹Cultures and Civilization requirement must be filled by completing the foreign language option and, if needed, an additional course from the list to reach 6 credit hours.

CONCENTRATION COURSE LISTS

Two-Dimensional Arts - Art Drawing 211, 212, 219, 311, 312, 411, 419, 493, 494, 495, 496; Art Painting 213, 214, 215, 216, 219, 313, 314, 315, 316, 413, 415, 419, 493, 494, 495, 496; Art Printmaking 262, 263, 264, 265, 266, 269, 291, 361, 461, 469, 493, 494, 495, 496; Art Media Arts (Photography) 231, 331, 341, 342, 431, 439, 493, 496.

Three-Dimensional Arts - Art Ceramics 221, 222, 225, 226, 229, 321, 322, 421, 422, 424, 429, 493, 494, 495, 496; Art Sculpture 240, 241, 242, 245, 246, 249, 341, 343, 345, 346, 441, 442, 449, 493, 494, 495, 496.

Four-Dimensional Arts - Art Media Arts (Film, Video, Performance) 232, 234, 235, 236, 239, 401, 402, 403, 432, 434, 433, 435, 436, 439, 450, 493, 494, 495, 496.

REVISE REQUIREMENTS FOR THE GRAPHIC DESIGN MAJOR

Requirements for the Bachelor of Fine Arts • Graphic Design Major

	Hours Credit
Art Core	
Art 101, 102, 103	9
Art History 172*, 173*	6
Art Drawing 211	3
Graphic Design	
¹ Art Graphic Design 150	3
Art Graphic Design 251, 252, 351, 352, 356, 451, 452* (OC), 455 (in sequence).....	24
Art Graphic Design 350 (Portfolio Review) (Satisfactory/No Credit grading).....	0
Art Graphic Design 444 (maximum 6 hours) and/or 456	8
Required Design and Professional	
Art Graphic Design 405.....	3
Art Graphic Design 400.....	3
Choose two: Art Graphic Design 256, 259, 405, 459	6

Studio

Choose from: Art Ceramics, Art Drawing, Art Media Arts, Art Painting, Art Watercolor,
 Art Printmaking, Art Sculpture 8
 Art History Electives (must be upper division) 3

General Curriculum (consult University General Education Requirement for appropriate choices within each category)

English 101*, 102* or their equivalent..... 6
 Communicating through Writing* 3
 Quantitative Reasoning – (2 courses; Computer Science 100 or 102 required)* 6
 Natural Sciences (2 courses; at least one with laboratory)* 7
 Social Sciences (2 courses)* 6
² Foreign Language (intermediate level sequence)* 6-10
Total 120 -124

* Meets University General Education Requirement.

¹ Should be taken spring semester of the freshman year or as soon as possible. This course is required for application to Art 350 Portfolio Review.

² Cultures and Civilizations requirement must be filled by completing the foreign language option and, if needed, an additional course from the list to reach 6 credit hours

REVISE ART HISTORY MAJOR

Requirements for the Bachelor of Arts • Art History Major

Prerequisites	Hours Credit
Art History 172, 173, and 162 or 183 with a grade of C or better	9
Studio courses (grade of C or better) (to be chosen from Art 101, 102, 103 and 200 or higher; all Art Media; all Art Design; all Art Ceramics; all Art Sculpture except 240; all Art Printmaking; all Art Painting; Art Drawing 191 and higher)	3
Major Art History courses numbered 300 and above	18
<ul style="list-style-type: none"> • One course in four of the following areas. Medieval/Early Renaissance - 425, 431, 441, 451 Renaissance/Baroque - 442, 452, 453, 454 American - 472, 473 19th/20th Century - 403, 472, 475, 476; Art Media Arts 433 Non-Western - Art History 411, 415, 416, 419, 461, 462, 463, 464 • Six elective hours in Art History or courses in the Departments of Classics, Religious Studies, or School of Architecture chosen in consultation with departmental advisor may be approved through a petition process. 	
Art History 375	3
Art History 402 (WC)*	3
	Total 36

* Meets University General Education Requirement.

ADD PROGRESSION, TRANSFER STUDENT, AND MINIMUM GRADE POLICIES FOR STUDIO ART MAJOR (BA)

On page 87 of the 2008-2009 Undergraduate Catalog, Studio Art Major (Bachelor of Arts), revise heading and insert text before requirements.

BACHELOR OF ARTS • STUDIO ART MAJOR

To qualify for a BA in Studio Art, students must meet any progression requirements for the degree. Contact specific program area faculty for review of schedules and details. It should not be assumed that a high grade point average in the major itself assures fulfilling progression requirements.

Transfer students are advised that a minimum of 20 hours in studio courses must be earned at the University of Tennessee, Knoxville. Students should be cautioned that art courses taken at another institution may not apply toward their major. Art Drawing 212 and Art Painting 214 must be taken at the University of Tennessee, Knoxville, if they are taken as prerequisites for upper-division courses in Drawing and Painting, respectively.

No grade below C (2.0) in art courses may be applied to the Bachelor of Arts major. A minimum of 42 credit hours, 300-level or above, must be earned prior to graduation.

DEPARTMENT OF AUDIOLOGY AND SPEECH PATHOLOGY (MOVED TO UTHSC)

On page 87-88 of the 2008-2009 *Undergraduate Catalog*, delete the Department of Audiology and Speech Pathology.

◆ DROP AUDIOLOGY MAJOR

◆ DROP SPEECH PATHOLOGY MAJOR

From a memo to THEC from President John Peterson regarding the transfer of A & SP to UTHSC:

"The 2008-09 UTK *Undergraduate Catalog* (the current academic year) will be the last catalog to list the undergraduate degrees in Audiology and Speech Pathology (A & SP). Students wishing to pursue the major programs in that department must declare their majors by the beginning of the fall semester 2010, and shall graduate under the 2008-09 catalog. Courses will be in place to allow those students to graduate in a timely manner. All students pursuing the undergraduate A & SP degrees under the 2008-09 catalog must graduate by August 2014. These undergraduate students will remain Knoxville students and will not transfer to UTHSC. Courses will be available for undergraduate students to: (1) allow UT-Knoxville students to acquire the minimum prerequisites to the graduate programs offered by A & SP at UTHSC and (2) serve the needs of students in the College of Education, Health, and Human Sciences and the College of Arts and Sciences who currently require A & SP courses for a concentration in Special Education."

DIVISION OF BIOLOGY

REVISE BIOCHEMISTRY AND CELLULAR AND MOLECULAR BIOLOGY CONCENTRATION

On page 89 of 2008-2009 *Undergraduate Catalog* (first column, first bullet, last item in list, under BCMB), revise to:

Ecology and Evolutionary Biology 360, 460.

Formerly:

Ecology and Evolutionary Biology 350, 360, 460.

REVISE ECOLOGY AND EVOLUTIONARY BIOLOGY CONCENTRATION

On page 89 of 2008-2009 *Undergraduate Catalog*, revise Ecology and Evolutionary Biology Concentration, 3rd bullet, Ecology category.

Ecology – Ecology and evolutionary Biology 421, 433*, 470*, 484, Microbiology 470.

Formerly: Ecology – Ecology and evolutionary Biology 433*, 446* 470* 484, Microbiology 470.

Organismal Biology – Ecology and Evolutionary Biology 330, 360*, 414, 450, 459*, 461*, 474*.

Formerly: Organismal Biology – Ecology and Evolutionary Biology 330, 360*, 414, 450, 459*, 461*, 474*.

REVISE MICROBIOLOGY CONCENTRATION - HONORS OPTION

On page 89 of the 2008-2009 Undergraduate Catalog, revise Microbiology Concentration - Honors Option.

Honors Option

An honors option is offered to selected students who have completed the required 300-level microbiology courses. In addition to the requirements for the biological sciences major – microbiology concentration, an honors option requires:

- A minimum GPA of 3.3 in microbiology courses and 3.25 for all courses.
- Three additional hours of 400-level microbiology courses.
- Completion of two semesters of independent research taken as Microbiology 401 and 402.
- An honors thesis based on the independent research project.
- Twelve hours of upper-division honors courses. This may be satisfied with 400-level microbiology courses via honors-by-contract.

Formerly:

An honors option is offered to selected students who have completed the required 300-level microbiology courses with a minimum grade point average of 3.50 in microbiology courses and 3.25 for all courses. In addition to these 300-level courses, an honors option requires successful completion of 15 additional hours of 400-level microbiology courses, including 401 and 402, and write a thesis based on their research. Students must also complete nine additional hours of honors courses in addition to 402.

DEPARTMENT OF CLASSICS

REVISE CLASSICAL CIVILIZATION CONCENTRATION

On page 92 of the 2008-2009 *Undergraduate Catalog*, revise Classics Major - Classical Civilization Concentration, last clause of 2nd sentence.

the remaining fifteen hours must be from Classics 251-252, 261-264, any Classics course numbered 300 or above, History 382 and 400, and Philosophy 320.

REVISE HONORS CLASSICAL CIVILIZATION CONCENTRATION

On page 92 of the 2008-2009 *Undergraduate Catalog*, revise Classics Major - Honors Classical Civilization Concentration.

The Honors Classical Civilization concentration consists of 29 hours. The required core of the major is Classics 201, which the student must pass with a B+ or higher. 9 hours may be from any courses in the Classics Department numbered 200 and above (excluding Classics 273). In strict consultation with a departmental advisor, the student pursuing Honors in Classical Civilization will select an additional 15 hours from Classics courses numbered 300 or above, History 382 and 400, and Philosophy 320, to design a program that will advance his or her understanding of a particular specialty within the field of Classical Civilization. To graduate with Honors, the student must maintain a minimum B+ average in Classics Department courses and a minimum cumulative B+ average at UT. In total, the student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. The student will present an Honors thesis, for which 2 hours of independent study credit will be earned; the thesis must receive a grade of B+ or higher to permit graduation with Honors.

Formerly:

The honors classical civilization concentration consists of 29 hours. The required core of the major is Classics 201. 9 hours may be from any Classics course numbered 200 or above (excluding Classics 273). 15 hours must include Classics 251-252 or 261-264 with the remaining 9 hours to be from any Classics course numbered 300 or above, History 366, and Philosophy 320. The student must pass Classics 201 with a B+ or better. To graduate with Honors, the student must maintain a GPA of at least 3.50 in Classics courses and a minimum cumulative UT GPA of 3.50. The student must also take a minimum of 15 hours of honors courses, not all of which need to be in the major subject area. Finally, the student will present an honors thesis for which two hours of course credit may be earned.

REVISE GREEK CONCENTRATION

On page 92 of the 2008-2009 *Undergraduate Catalog*, REVISE Classics Major - Greek Concentration, end of last sentence (following parentheses).

History 382 and 400, Philosophy 320.

Formerly:

History 366, and Philosophy 320.

REVISE HONORS GREEK CONCENTRATION

On page 92 of the 2008-2009 *Undergraduate Catalog*, revise Classics Major - Honors Greek Concentration.

The Honors Greek concentration consists of 29 hours. Eighteen hours of Greek language courses numbered above 200 are required, plus 9 from the following: any courses in the Classics Department numbered 200 and above (excluding 201 and 273), History 382 and 400, and Philosophy 320. The student must maintain a minimum B+ average in Greek language courses and a minimum cumulative B+ average at UT. In addition, of the 9 non-language hours described above, 6 must be in courses numbered 300 or higher. In total, the student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. The student will present an Honors thesis, for which 2 hours of independent study credit will be earned; the thesis must receive a grade of B+ or higher to permit graduation with Honors.

Formerly:

The honors Greek concentration consists of 29 hours. 18 hours of Greek language courses numbered above 200 are required, plus 9 from the following – any courses in the Classics Department numbered 200 and above (excluding 201 and 273), History 366, and Philosophy 320. The student must maintain a minimum GPA of 3.50 in Greek language courses and a minimum cumulative UT GPA of 3.50. In addition, of the 9 non-language hours described above, 6 must be in courses numbered 300 or higher. The student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. The student will present an honors thesis, for which 2 hours of independent study credit may be earned.

REVISE LATIN CONCENTRATION

On page 92 of the 2008-2009 *Undergraduate Catalog*, revise Classics Major - Latin Concentration, end of last sentence (following parentheses).

History 382 and 400, Philosophy 320.

Formerly:

History 366, and Philosophy 320.

REVISE HONORS LATIN CONCENTRATION

On page 92 of the 2008-2009 *Undergraduate Catalog*, revise Classics Major - Honors Latin Concentration.

The Honors Latin concentration consists of 29 hours. Eighteen hours of Latin language courses numbered above 200 are required, plus 9 from the following: any courses in the Classics Department numbered 200 and above (excluding 201 and 273), History 382 and 400, and Philosophy 320. The student must maintain a minimum B+ average in Latin language courses and a minimum cumulative B+ average at UT. In addition, of the 9 non-language hours described above, 6 must be in courses numbered 300 or higher. In total, the student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. The student will present an Honors thesis, for which 2 hours of independent

study credit will be earned; the thesis must receive a grade of B+ or higher to permit graduation with Honors.

Formerly:

The honors Latin concentration consists of 29 hours. 18 hours of Latin language courses numbered above 200 are required, plus 9 from the following – any courses in the Classics Department numbered 200 and above (excluding 201 and 273), History 366, and Philosophy 320. The student must maintain a minimum GPA of 3.50 in Latin language courses and a minimum cumulative UT GPA of 3.50. In addition, of the 9 non-language hours described above, 6 must be in courses numbered 300 or higher. The student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. The student will present an honors thesis, for which 2 hours of independent study credit may be earned.

REVISE CLASSICAL CIVILIZATION MINOR

On page 92 of the 2008-2009 *Undergraduate Catalog*, revise Minor in Classical Civilization, end of last sentence.

History 382 and 400, and Philosophy 320.

Formerly:

History 366, and Philosophy 320.

REVISE GREEK MINOR

On page 92 of the 2008-2009 *Undergraduate Catalog*, revise Minor in Greek, end of last sentence.

History 382 and 400, and Philosophy 320.

Formerly:

History 366, and Philosophy 320.

REVISE LATIN MINOR

On page 92 of the 2008-2009 *Undergraduate Catalog*, revise Minor in Latin, end of last sentence.

History 382 and 400, and Philosophy 320.

Formerly:

History 366, and Philosophy 320.

DEPARTMENT OF EARTH AND PLANETARY SCIENCES

REVISE CATALOG TEXT

On page 93 of the 2008-2009 *Undergraduate Catalog*, replace introductory paragraph with the following.

The Department of Earth and Planetary Sciences emphasizes study of the Earth and other planetary systems at all scales of observation, in order to understand physical, chemical, and biological processes operating over a range of geologic time scales, from hours to billions of years, and to interpret the future evolution of the Earth and other terrestrial bodies within our solar system.

The core curriculum will provide students with a detailed understanding of rock forming minerals; the physical, chemical, and biological processes involved in rock formation (igneous, sedimentary, and metamorphic); the biologic and tectonic evolution of the Earth; field recognition of geologic processes; and the composition and evolution of extraterrestrial planets. Students then select a suite of upper-level electives to enhance interests in specific geologic disciplines. These courses are also supplemented by required coursework in chemistry, mathematics, physics, and biology that will help students develop critical skills valued in today's job market.

Students graduating with a degree from the Department of Earth and Planetary Sciences will be highly marketable in traditional fields of environmental consulting and oil & gas exploration, as well as employable in private industry or by such governmental agencies as EPA, NASA, or the United States Geological Survey. The breadth and flexibility of a degree in Earth and Planetary Sciences also provides superb training for students interested in entering into other careers, such as science education, environmental law, science/nature writing, or public policy.

Formerly:

The Department of Earth and Planetary Sciences emphasizes study of the Earth and of planetary systems at all scales of observation. Earth and Planetary Sciences strives to interpret the physical, chemical and biological processes operating over 4.6 billion years of Earth history, as well as those bodies within our solar system.

REVISE GEOLOGY MAJOR

On page 93 of the 2008-2009 *Undergraduate Catalog*, revise Geology Major.

GEOLOGY MAJOR**Progression to the Major**

To progress into the major, students must take two courses from Geology 101-102-103-104, as well as Chemistry 120-130. Chemistry 130 may be taken concurrently with 300-level geology courses. Students may declare the major prior to completing progression requirements.

Corequisite Requirements

Corequisite requirements include Mathematics 141-142, Physics 135 or Physics 221, and Biology 130 or 111.

Major Requirements

Upper-division requirements include Geology 310-320-330-340-370-380 (24 hours), a minimum of 5 hours of an approved field camp (Geology 440), and 9 elective hours at the 400-level or above. Students are encouraged to participate in undergraduate research (Geology 493). A maximum of 3 hours of Geology 493 may count towards the major.

Formerly:**Progression to the Major**

To progress into the major, students must take two courses from Geology 101-102-103, as well as Chemistry 120-130. Chemistry 130 may be taken concurrently with 300-level geology courses.

Corequisite Requirements

Corequisite requirements include Mathematics 141-142, Biology 130, and Physics 135 or Physics 221.

Major Requirements

Upper-division requirements include Geology 310-320-330-340-370-380 (24 hours), a minimum of 5 hours of an approved field camp, and 9 elective hours at the 400-level or above. Students are encouraged to participate in undergraduate research (Geology 493). A maximum of 3 hours of Geology 493 may count toward the major.

DEPARTMENT OF ENGLISH**REVISE ENGLISH MAJOR**

On page 94 of the 2008-2009 *Undergraduate Catalog*, delete the first paragraph and prerequisites and corequisites and replace with:

ENGLISH MAJOR

The major consists of 30 hours of 300- and 400- level course- work. Courses may not count in more than one category. Depending on the course content, Special Topics, Major Authors, Senior Seminar, Junior - Senior Honors Seminar, and any other course with variable content may be petitioned to count in a category where it is not listed.

All majors are required to complete ten courses of 300-400-level English of which:

- One must be pre-1660 Literature - 301, 321, 401, 402, 403, 404, 405, 406, 409, 410.
- One must be of literature written from 1660-1900 - 302, 411, 412, 413, 414, 415, 416, 419, 420, 431, 432, 433, 435.
- One must be post-1900 literature - 421, 423, 434, 436, 451, 452, 453, 454, 456, 459.
- One must be in language, theory, folklore, cultural, ethnic, gender, or film studies - 301, 302, 321, 331, 332, 333, 334, 335, 336, 371, 372, 381, 403, 422, 443, 471, 472, 474, 476, 477, 479, 480, 481, 490, 496.
- One must be a special topics, major authors, or senior seminar - 398 (honors only), 443, 470, 482, 483, 484, 485, 486, 498 (honors only), 499.

REVISE ENGLISH MINOR

On page 96 of the 2008-2009 *Undergraduate Catalog*, delete the two paragraphs and replace with:

Minor in English

An English minor consists of at least 15 semester hours of English courses at the 300 and 400 levels. An English minor with an emphasis in Technical Communications consists of at least 15 semester hours of English courses chosen from the following.

- At least three courses in technical communication (chosen from 360, 460, 462, or 466).
- One course in expository writing, argumentative writing, language, rhetoric, or another technical communication course (chosen from 355, 360, 371, 372, 455, 460, 462, 470, 471, 472, 484, 485, 495, 496).
- One other 300- or 400-level English course.

DEPARTMENT OF GEOGRAPHY

REVISE GEOGRAPHY MAJOR

On page 95 of the 2008-2009 *Undergraduate Catalog*, revise Geography Major, 1st paragraph.

Geography 131 and 132, and 101 or 102 are prerequisites to the major, which consists of 27 hours as follows.

- Geography 310 and 499
- One methods (chosen from 410, 411, 412, 413, 414, 415, 419)
- One human geography (chosen from 320, 340, 345, 421, 423, 441, 442, 443, 449, 451)
- One regional geography (chosen from 361, 363, 365, 366, 371, 373, 374)
- One physical geography (chosen from 334, 432, 433, 434, 435, 436, 439, 450, 454)
- 9 additional credits in 300- or 400-level geography courses.
- No more than three hours of Geography 490 may be counted toward the major.

Formerly:

Geography 131 and 132 and 101 or 102 are prerequisites to the major, which consists of 27 hours as follows. Geography 310 and 499; either 320, 421 or 423; either 340 or 351; one course from among 410, 411, 412, 413 or 415; one course from among 361, 363, 365, 366, 371, 373, or 374; and nine additional credits, at least 6 of which must be taken at the 400 level. No more than 3 hours of Geography 490 may be counted toward the major.

INTERDISCIPLINARY PROGRAMS

REVISE ASIAN STUDIES CONCENTRATION

On page 97 of the 2008-2009 *Undergraduate Catalog*, delete first sentence.

Prerequisites to the concentration are Asian Studies 101-102.

REVISE ASIAN STUDIES MINOR

On page 97 of the 2008-2009 Undergraduate catalog, revise first sentence.

The Asian studies minor consists of 15 credit hours of Asian Studies courses at the 200 level and above.

Formerly:

The Asian studies minor consists of Asian Studies 101-102 and 15 credit hours at the 200 level and above.

REVISE ENVIRONMENTAL STUDIES CONCENTRATION (THIS REPLACES THE REVISION ON PAGE U1433 - SEPTEMBER 16 2008, UG COUNCIL MINUTES)

The concentration in environmental studies provides sound scientific, socioeconomic, and philosophical background for understanding the earth's environment with an opportunity to minor in one of the many environmentally related curricula offered by various colleges within the university.

Prerequisites to the concentration are Biology 101-102 or Biology 130-140 or 111-112; Chemistry 120-130 or Chemistry 150-160; Geology 101 or 102; Geography 131; Mathematics 123-125 or 141-142 or 151-152; Economics 201; and Biology 250.

The concentration consists of a core and a specialty.

Core

- 15 hours from Global Studies 250 (Sociology 250); Geography 345; Sociology 360 or 464 or 465 (one only); Philosophy 245; Economics 362 or Agricultural Economics 470 (one only); Agriculture and Natural Resources 333; Journalism and Electronic Media 451; Geology 490.
- 3 hours from Geology 455 or Geology 456 or Ecology and Evolutionary Biology 484 or Geography 436.
- 3 hours from Geography 334, 433, 434; Environmental and Soil Sciences 462.

Specialty

Twelve hours at the 300 level or above in one of the following departments – Biochemistry, Cellular and Molecular Biology; Biosystems Engineering and Soil Science; Chemistry; Earth and Planetary Sciences; Ecology and Evolutionary Biology; Economics; Forestry, Wildlife, and Fisheries; Geography; Plant Sciences; Political Science; or Sociology.

REVISE GLOBAL STUDIES CONCENTRATION

On page 98 (first column, under Track II) of the 2008-2009 *Undergraduate Catalog*, revise to:

Agricultural Economics 420; Economics 322, 421; Forestry, Wildlife, and Fisheries 420; Philosophy 393; Political Science 350, 365, 463, 470, 471, 474; Retail and Consumer Sciences 421; Sociology 442, 446; Women's Studies 360.

Formerly:

Agricultural Economics 420; Economics 322, 421; Forestry, Wildlife, and Fisheries 420; Geography 351; History 374; Philosophy 393; Political Science 350, 365, 463, 470, 471, 474; Retail and Consumer Sciences 421; Sociology 442, 446; Women's Studies 360.

REVISE LATIN AMERICAN STUDIES CONCENTRATION

On page 98 of the 2008-2009 *Undergraduate Catalog*, revise Latin American Studies concentration revise:

2nd paragraph, History course list
History 343, 344, 360, 361, 464, 465, 475

Formerly:
History 360, 361, 460, 461, 462, 475

3rd paragraph, 1st item in parentheses
(History 344; . . .)

Formerly:
(History 460; . . .)

REVISE LINGUISTICS CONCENTRATION

On page 99 (first column, second bullet, under concentration) of the *2008-2009 Undergraduate Catalog*, revise to:

- 9 hours of the following, selected in consultation with a linguistics advisor from Anthropology 411; Audiology and Speech Pathology 302, 320; Communication Studies 300, 320; Foreign Language/ESL Education 455; French 421, 422; Linguistics 321, 400, 431, 435, 436, 472, 474, 476, 477, 485, 490, 491, 492, 493; Psychology 400, 424; Spanish 421, 422; Theatre 326.

Formerly:
9 hours of the following, selected in consultation with a linguistics advisor from Anthropology 411; Audiology and Speech Pathology 302, 320; Communication Studies 300, 320; Foreign Language/ESL Education 455; French 421, 422; Linguistics 321, 400, 431, 435, 436, 472, 474, 476, 477, 485, 490, 491, 492, 493; Philosophy 472; Psychology 400, 424; Spanish 421, 422; Theatre 326.

REVISE LINGUISTICS MINOR

On page 99 (first column, first bullet, under minor) of the *2008-2009 Undergraduate Catalog*, revise to:

- Either English 471 or 3 hours selected in consultation with a linguistics advisor from Anthropology 411; Audiology and Speech Pathology 302, 320; Foreign Language/ESL Education 455; French 421, 422; Linguistics 321, 400, 431, 435, 436, 472, 474, 476, 477, 485, 490, 491, 492, 493; Psychology 400, 424; Spanish 421, 422; Communication Studies 300, 320; Theatre 326.

Formerly:
Either English 471 or 3 hours selected in consultation with a linguistics advisor from Anthropology 411; Audiology and Speech Pathology 302, 320; Foreign Language/ESL Education 455; French 421, 422; Linguistics 321, 400, 431, 435, 436, 472, 474, 476, 477, 485, 490, 491, 492, 493; Philosophy 472; Psychology 400, 424; Spanish 421, 422; Communication Studies 300, 320; Theatre 326.

REVISE MEDIEVAL STUDIES CONCENTRATION

On page 99 of the 2008-2009 *Undergraduate Catalog*, revise Medieval Studies Concentration

Category 1 – History, Philosophy, and Political Science

Add Religious Studies 322

Category 2 – Language and Literature

Add Classics 471, 472; English 321, 403; Italian 403

Category 3 – The Arts

Remove Architecture 415

REVISE WOMEN'S STUDIES CONCENTRATION

On page 99 of the 2008-2009 *Undergraduate Catalog*, 2nd paragraph, Women's Heritage.

Women's Heritage (325, 326, 383, 466, 484)

Formerly:
Women's Heritage (383, 432, 453, 466, 483)

DEPARTMENT OF MATHEMATICS

REVISE SAMPLE PROGRAM - SECONDARY EDUCATION SHOWCASE (FOURTH YEAR)

Fourth Year

Theory and Practice in Teacher Education 352 (1), 355 (3)..... 4

Theory and Practice in Teacher Education 486..... 3

Formerly:

Theory and Practice in Teacher Education 352 (1), 335 (3)4

Instructional Technology 4863

DEPARTMENT OF MODERN FOREIGN LANGUAGES AND LITERATURES

REVISE CHINESE MINOR (2ND SENTENCE)

The minor consists of at least 17 hours of Chinese courses, including Asian Languages 331, 332; and 9 hours from Asian Languages 311, 312 or other Chinese courses above 300.

Formerly:

The minor consists of at least 17 hours of Chinese courses, including Asian Languages 331, 332, 431; and 6 hours from Asian Languages 311, 312 or other Chinese courses above 300.

REVISE FRENCH MAJOR

Delete 2nd sentence in parentheses: (French 300 does not count toward the major but is recommended for students needing grammar review.)

REVISE FRENCH MINOR

Delete the last sentence of the paragraph: French 300 does not count toward the minor but is recommended for students needing grammar review.

REVISE GERMAN MAJOR

Revise last sentence to:

In order to graduate, all majors must take Modern Foreign Languages and Literatures 495.

Formerly:

In order to graduate, all majors will be required to take a proficiency test in German.

REVISE LANGUAGE AND LITERATURE CONCENTRATION

The language and literature concentration consists of at least 30 hours of German in courses numbered above 300, including 301-302 and 3 hours chosen from German 323, 350, 363 or 415. All majors must take Modern Foreign Languages and Literatures 495.

Formerly:

The language and literature concentration consists of at least 30 hours of German in courses numbered above 300, including 301-302 and 3 hours chosen from German 323, 350, 363 or 415.

REVISE GERMAN STUDIES CONCENTRATION

Language

Any four from German 311, 312, 411, 412, 435, 485, and Modern Foreign Languages and Literatures 495.

Formerly: Any four from German 311, 312, 411, 412, 435, 485.

Literature, Culture, and Arts

Any four from Art History 441; German 301, 302, 305, 323, 350, 363, 415, 416, 419, 420, 431, 432, 433, 434; Musicology 400, 420, 430; Philosophy 324, 326, 353, 370, 395; Religious Studies 385.

Formerly: Any four from Art History 441; German 301, 302, 305, 323, 350, 363, 415, 416, 419, 420, 431, 432, 433, 434; Musicology 400, 420, 430; Philosophy 324, 326, 353, 370, 395; Religious Studies 385, 411.

REVISE HONORS CONCENTRATION (GERMAN MAJOR)

Revise 2nd sentence to:

Students must have at least 12 hours of honors courses, including German 477 or 478 with a grade of B+ or better, a senior honors project (German 497) directed by a faculty member, and Modern Foreign Languages and Literatures 495.

Formerly:

Students must have at least 12 hours of honors courses, including German 477 or 478 with a grade of B+ or better, and a senior honors project (German 497) directed by a faculty member.

REVISE FRENCH, GERMAN, ITALIAN, RUSSIAN, SPANISH MAJOR, LANGUAGE AND WORLD BUSINESS CONCENTRATION OR INTERDISCIPLINARY PROGRAMS MAJOR, LANGUAGE AND WORLD BUSINESS, CHINESE, JAPANESE, OR PORTUGUESE CONCENTRATION

On page 104 of the 2009-2009 *Undergraduate Catalog*, Language and World Business, A. Language Requirements, German major, revise to:

German 301, 302, 311, 312, 323 or 363, 485; 3 hours of 490, 491 or 493; and 3 courses numbered 320 or above. All majors must take Modern Foreign Languages and Literatures 495.

Formerly:

German 301, 302, 311, 312, 323 or 363, 485; 3 hours of 490, 491 or 493; and 3 courses numbered 320 or above.

On page 104 of the 2009-2009 *Undergraduate Catalog*, Language and World Business, A. Language Requirements, Japanese Concentration, revise to:

Japanese 251, 252, 351, 352, 451, 452; 3 hours of Asian Languages 490 or 491; and 1 of the following – Japanese 313, 314, 321, or 413. All majors must take Modern Foreign Languages and Literatures 495.

Formerly:

Japanese 251, 252, 351, 352, 451, 452; 3 hours of Asian Languages 490 or 491; and 1 of the following – Japanese 313, 314, 321, or 413.

On page 104 of the 2008-2009 *Undergraduate Catalog*, Language and World Business Concentration, A. Language Requirements, Portuguese concentration, revise to:

Portuguese 301, 303, 309, 315, 326, 430, 432; and 9 hours of courses from – Portuguese 400, 409, 490, 491, 493; History 344, 360, 361; Spanish 401, 465.

Formerly:

Portuguese 301, 302, 309, 315, 326, 430, 432; and 9 hours of courses from – Portuguese 400, 409, 490, 491, 493; History 360, 361, 460; Spanish 401, 465

On page 104 of the 2008-2009 *Undergraduate Catalog*, Language and World Business Concentration, A. Language Requirements, Spanish major, revise to add the following sentence to end of paragraph, after “with consent of the department”:

Spanish 300 does not count toward the Spanish-Language and World Business major but is a prerequisite for Spanish 323.

On page 104 of the 2008-2009 *Undergraduate Catalog*, Language and World Business Concentration, B. Professional Emphasis, International Business, revise 1st sentence to:

Accounting 200, Economics 201, Business Administration 201, Statistics 201, Finance 300, Marketing 300, Economics 322, and Management 472.

Formerly:

Accounting 200, Economics 201, Business Administration 201, Statistics 201, Finance 301, Marketing 300, Economics 322, and Management 472.

On page 104 of the 2008-2009 *Undergraduate Catalog*, Language and World Business Concentration, B. Professional Emphasis, International Agricultural Economics, revise last part of 1st sentence to:

. . . and 3 credit hours from the following: Marketing 300; Management 300, 472; Finance 300.

Formerly:

. . . and 3 credit hours from the following Marketing 300; Management 300, 472; Finance 301.

REVISE PORTUGUESE MINOR

On page 105 of the 2008-2009 *Undergraduate Catalog*, Modern Foreign Languages and Literatures, Minors, Portuguese course distribution, clause after dash, revise to:

12 hours chosen from 301, 303, 309, 400, 409, 432, 491; and 6 hours chosen from 315, 326, and 430.

Formerly:

12 hours chosen from 301, 302, 309, 400, 409, 432, 491; and 6 hours chosen from 315, 316, and 431.

REVISE RUSSIAN MAJOR

On page 103 of the 2008-2009 *Undergraduate Catalog*, Russian major, Area Studies Option, revise to:

Additional requirements for the area studies option are Russian 371-372; 3 or more credits chosen from Russian 221, 222, and Russian courses numbered 300 and above; and 6 or more credits chosen from History 341, and Political Science 459.

Formerly:

Additional requirements for the area studies option are Russian 371-372; 3 or more credits chosen from Russian 221, 222, and Russian courses numbered 300 and above; and 6 or more credits chosen from History 340, 341, and Political Science 459.

REVISE SPANISH MAJOR

On page 104 of the 2008-2009 *Undergraduate Catalog*, 1st column, Spanish Major, revise to add the following sentence after the 2nd sentence, which reads "All majors must complete 323, 330, and 331."

Spanish 300 does not count toward the Spanish-Language and World Business major but is a prerequisite for Spanish 323.

REVISE SPANISH MINOR

On page 105 of the 2008-2009 *Undergraduate Catalog*, Minors, Spanish, revise to add the following sentence after the 1st sentence, which ends with "and two additional courses."

Spanish 300 does not count toward the Spanish-Language and World Business major but is a prerequisite for Spanish 323.

SCHOOL OF MUSIC**REVISE ENSEMBLE REQUIREMENT**

On page 106 of the 2008-2009 *Undergraduate Catalog*, revise to:

Ensembles

Ensemble participation during each semester of residence is required of all students studying applied music. Students are required to participate in ensembles appropriate to their specific degree program. Ensemble requirements vary among the concentrations and are listed in the School of Music Undergraduate Handbook, which is available in the Music Office. Enrollment in all ensembles is by audition or consent of instructor.

Formerly:

Ensemble participation during each semester of residence is required of all students studying applied music. Students are required to participate in ensembles appropriate to their specific degree program as approved by the faculty of the department. Ensemble requirements vary among the concentrations and are listed in the School of Music Undergraduate Handbook, which is available in Room 211, Music Building. Enrollment in all ensembles is by audition or consent of instructor.

REVISE BACHELOR OF MUSIC - MUSIC MAJOR

On page 106 of the 2008-2009 Undergraduate Catalog, Bachelor of Music Degree, Music Major, revise to delete the 2nd paragraph ("The University General Education Requirement . . .").

ADD SCHOOL OF MUSIC HONORS PROGRAM

On page 106 of the 2008-2009 *Undergraduate Catalog*, immediately following Bachelor of Music Degree, Music Major description, and before Music Education Concentration, add the following:

The School of Music offers an honors program for exceptional undergraduate students. Students wanting to enter the music departmental honors program must have a cumulative GPA of 3.5, a music GPA of 3.5, and a recommendation from a faculty member. The recommendation is sent to the student's major area (e.g., voice, jazz, education, musicology, theory) to be approved. Once the area approves the student for entrance to the honors program, a letter will be sent to the School of Music's Associate Director for Undergraduate Studies admitting the student to the music departmental honors program.

Course work: Students in the honors program must maintain a cumulative GPA of 3.5 and a music GPA of 3.5, and take 12 hours of honors course work: 3 hours of honors by contract course work in any area of music, 6 hours of honors by contract course work in the major area, and 3 hours of a senior project. The senior project (Music General 497) may take the form of an additional recital (such as a chamber recital) for performance majors, a recital paper, a curriculum proposal, or a research paper suitable for publication or presentation at a conference.

REVISE MUSIC EDUCATION CONCENTRATIONS

On pages 106-108 of the 2008-2009 *Undergraduate Catalog*, Music Education Concentration, String Emphasis, Fourth Year; Woodwind/Brass/Percussion Emphasis, Fourth Year; Vocal-General/Keyboard Emphasis, Third Year; Vocal-General/Vocal Emphasis, Third Year, Revise all to delete Instructional Technology 486 and replace with Theory and Practice in Teacher Education 486.

REVISE ORGAN CONCENTRATION

On page 109 of the 2008-2009 *Undergraduate Catalog*, Organ Concentration, specify music performance courses in showcase:

Bachelor of Music • Music Major • Organ Concentration

	Hours Credit
First Year	
Music Performance 189, 190 (3,3)	6
Formerly: Music Performance 190 (3,3)	
Second Year	
Music Performance 289, 290 (3,3)	6
Formerly: Music Performance 290	
¹ Music Ensemble (1,1)	2
Formerly: ¹ Music Ensemble	
Third Year	
Music Performance 389, 390 (3,3)	6
Formerly: Music Performance 390 (3,3)	
Fourth Year	
Music Performance 489, 490 (3,3)	6
Formerly: Music Performance 490 (3,3)	

REVISE PIANO CONCENTRATION

On page 109 of the 2008-2009 *Undergraduate Catalog*, Piano Concentration, specify music performance courses in showcase:

Bachelor of Music • Music Major • Piano Concentration

	Hours Credit
First Year	
Music Performance 180, 181 (3,3)	6
Formerly: Music Performance 180 (3,3)	
Second Year	
Music Performance 280, 281 (3,3)	6
Formerly: Music Performance 280 (3,3)	
Third Year	
Music Performance 380, 381 (3,3)	6
Music Ensemble 399 (1,1)	2
Formerly: Music Performance 380 (3,3)	
Fourth Year	
Music Performance 480, 481 (3,3)	6
Formerly: Music Performance 480 (3,3)	

REVISE PIANO PEDAGOGY CONCENTRATION

On page 110 of the 2008-2009 *Undergraduate Catalog*, Piano Pedagogy Concentration, specify music performance courses in showcase:

Bachelor of Music • Music Major • Piano Pedagogy Concentration

First Year	Hours Credit
Music Performance 180, 181 (2,2) Formerly: Music Performance 180 (2,2)	4
Second Year	
Music Performance 280, 281 (2,2) Formerly: Music Performance 280 (2,2)	4
Third Year	
Music Performance 380, 381 (2,2) Formerly: Music Performance 380 (2,2)	4
Fourth Year	
Music Performance 480, 481 (2,2) Formerly: Music Performance 480 (2,2)	4

REVISE SACRED MUSIC/ORGAN TRACK CONCENTRATION

On page 110 of the 2008-2009 *Undergraduate Catalog*, Sacred Music Concentration, Organ Track, specify music performance courses in showcase:

Bachelor of Music • Music Major • Sacred Music Concentration • Organ Track

First Year	Hours Credit
Music Performance 189, 190 (Organ) (2,2) Formerly: Music Performance 190 (Organ) (2,2)	4
Second Year	
Music Performance 289, 290 (Organ) (2,2) Formerly: Music Performance 290 (Organ) (2,2)	4
Music Performance 155, 156, 255, or 256 (Voice) (1,1) Formerly: Music Performance 155 (Voice) (1,1)	2
Third Year	
Music Performance 389, 390 (Organ) (2,2) Formerly: Music Performance 390 (2,2)	4
Fourth Year	
Music Performance 489, 490 (2,2) Formerly: Music Performance 490 (2,2)	4

REVISE SACRED MUSIC/PIANO TRACK CONCENTRATION

On page 111 of the 2008-2009 *Undergraduate Catalog*, Sacred Music Concentration, Piano Track, revise to:

Bachelor of Music • Music Major • Sacred Music Concentration • Piano Track

Third Year	Hours Credit
Music Performance 155, 156 Formerly: Music Performance 155, 156 or Music Voice 110,120 (2)	2

REVISE SACRED MUSIC/VOICE TRACK CONCENTRATION

On page 111, Bachelor of Music, Music Major, Sacred Music Concentration, Voice Track, specify music performance courses in showcase:

Bachelor of Music • Music Major • Sacred Music Concentration • Voice Track

First Year	Hours Credit
Music Performance 155, 156 (Voice) (2,2)	4
Formerly: Music Performance 155 (Voice) (2,2)	
Second Year	
Music Performance 255, 256 (2,2)	4
Formerly: Music Performance 255 (2,2)	
Third Year	
Music Performance 355, 356 (2,2)	4
Formerly: Music Performance 355 (2,2)	
Fourth Year	
Music Performance 455, 456 (2,2)	4
Formerly: Music Performance 455 (2,2)	

REVISE THEORY/COMPOSITION CONCENTRATION

On page 112 of the 2008-2009 Undergraduate Catalog, Bachelor of Music, Music Major, Theory/Composition Concentration, specify music performance courses, add practicum course, reduce electives, and revise footnote 4:

Bachelor of Music • Music Major • Theory/Composition Concentration

Second Year	Hours Credit
Music Performance 294, 295 (1,1)	2
Formerly: Music Performance 294 (2,2)	
Fourth Year	
Music Theory 490	2
Electives	4
Formerly: Electives (6)	

⁴ Areas of Study: OPTION A – COMPOSITION. Music Performance 394, 395, Music Performance 494, 495, Music General 411.; OPTION B – ELECTRONIC COMPOSITION. Music Performance 396, Music Performance 496, Music General 411.; OPTION C – MUSIC THEORY: Music Performance 394,395 or 396, Music Theory 493, Musicology elective (300 level and above).

Formerly: ⁴ Areas of Study: OPTION A – COMPOSITION. Music Performance 394, Music Performance 494, Music General 411.; OPTION B – ELECTRONIC COMPOSITION. Music Performance 395, Music Performance 495, Music General 411.; OPTION C – MUSIC THEORY: Music Performance 394 or 395, Music Theory 493, Musicology elective (300 level and above).

REVISE VOICE CONCENTRATION

On page 113 of the 2008-2009 *Undergraduate Catalog*, Bachelor of Music, Music Major, Voice Concentration, specify music performance courses and clarify foreign language requirement in footnotes:

Bachelor of Music • Music Major • Voice Concentration

First Year	Hours Credit
Music Performance 155, 156 (3,3)	6
Formerly: Music Performance 155 (3,3)	
Second Year	
Music Performance 255, 256 (3,3)	6
Formerly: Music Performance 255 (3,3)	
Third Year	
Music Performance 355, 356 (3,3)	6
Formerly: Music Performance 355 (3,3)	

Fourth Year

Music Performance 455, 456 (3,3) 6
 Formerly: Music Performance 455 (3,3)

² Students must choose French 211-212 or 217-218, German 201-202, or Italian 211-212 to fulfill this requirement unless they have previously completed the University's General Education requirement in Cultures and Civilizations, in which case, they will choose German 101-102, French 111-112, or Italian 111-112 to fulfill the requirement.

Formerly: ² Consult voice concentration advisor for the appropriate language concentrations.

³ Students are required to complete one year of a second foreign language to be chosen from French, German, or Italian.
 Formerly: (new footnote)

◆ ADD MUSIC THEORY CONCENTRATION TO MUSIC MINOR

On page 114 of the 2008-2009 *Undergraduate Catalog*, Minor in Music, immediately after Musicology requirements, add the following:

Music Theory

The minor concentration in Music Theory consists of 15 hours in courses numbered 200 or above

Prerequisites	Hours	Credit
Music Theory 110, 120	6	
Music Theory 130, 140	2	

Required Courses	Hours	Credit
Music Theory 210, 220	6	
Music Theory 230, 240	2	
Music Theory 310	3	
Music Electives	4	

DEPARTMENT OF PHYSICS AND ASTRONOMY**REVISE PHYSICS MAJOR**

On page 115 of the 2008-2009 *Undergraduate Catalog*, 2nd column, Physics Major, delete 1st paragraph, Academic Concentration, Applied Concentration, Astronomy Concentration, and General Concentration, and replace with the following:

PHYSICS MAJOR

Physics 137-138 or 135-136; Mathematics 141-142 and Computer Science 102 are prerequisites to the major. Engineering Fundamentals 151-152 and Physics 231-232, together, can replace Physics 137-138 or 135-136. Students may declare a physics major before completing these prerequisites.

The physics major consist of 38 hours. Physics 250, 311, 321, 361, 411, 421, 431, 461 (26 hours) are required.

In addition, 12 hours chosen from 300 and 400 level physics courses, or from 200-400 level astronomy courses are required. Students who wish to apply physics to other career goals, such as chemistry, mathematics, education, law, medicine, or journalism should consult with the department curriculum chair about appropriate alternate courses.

Academic Concentration

Students planning graduate work in physics are advised to take 312, 412, and 432. Physics 401 and Math 403, Math 435, and Math 443 are recommended.

Applied Concentration

Students planning work in applied fields related to physics are advised to take 401, 453, 454 among the additional 12 hours.

Astronomy Concentration

Students planning graduate work in astronomy should take Astronomy 217, 218, 411, 490.

REVISE PHYSICS MINOR

On page 116 of the 2008-2009 Undergraduate Catalog, Minor in Physics, 2nd sentence, revise to:

Physics 137-138, 250; or 135-136, 250; and . . .

Formerly:

Physics 137-138, 240; or 135-136, 240; and . . .

DEPARTMENT OF SOCIOLOGY

REVISE SOCIOLOGY MAJOR

On page 118 of the 2008-2009 *Undergraduate Catalog*, Sociology Major, revise to:

Before applying to the Department of Sociology for admission to the major, a student must complete either Sociology 110 or 120 or their honors equivalents (Sociology 117 or 127) with a grade of C or above, and Statistics 201. Upon granting admission to the major, the department will assign the student an academic advisor who will help the student plan a program of study for the major. Students may also declare a concentration in criminal justice or environmental issues and globalization, each of which features attendant requirements. The major consists of 27 upper-division hours in sociology, which must include 321 and 331, and at least two 400-level courses. Ideally, students will take 321 and 331 no later than their junior year.

Formerly:

Before applying to the Sociology Department for admission to the major, a student must complete either Sociology 110 or 120 or their honors equivalent with a grade of C or above. Upon granting admission to the major, the department will assign the student an academic advisor who will help the student plan a program of study for the major. Prerequisites to the major are 3 lower-division hours in sociology (either 110 or 120 or their honors equivalent) and Statistics 201. The major consists of 27 upper-division hours in sociology and must include 321 and 331 and at least two 400-level courses.

REVISE SOCIOLOGY MAJOR—CRIMINAL JUSTICE CONCENTRATION

On page 118 of the 2008-2009 *Undergraduate Catalog*, Criminal Justice Concentration, revise to:

Students must complete all of the prerequisites and upper-division courses required for the major, as well as 21 credit hours of upper-division Sociology courses. The 21 course credits include 350, 351, and 451; one course from 452, 453, 455, 459 or 495; and three additional courses selected in consultation with the advisor.

Formerly:

All prerequisites and upper-division courses required for general majors are required for this concentration. In addition, the concentration consists of 21 hours of upper-division sociology as follows – 350, 351, 451; one of the following five courses 452, 453, 455, 459, 495; and three courses selected in consultation with advisor.

REVISE SOCIOLOGY MAJOR—ENVIRONMENTAL ISSUES AND GLOBALIZATION CONCENTRATION

On page 118 of the 2008-2009 *Undergraduate Catalog*, Environmental Issues and Globalization Concentration, revise to:

Students must complete all of the prerequisites and upper-division courses required for the major, as well as 21 credit hours of upper-division Sociology courses. The 21 course credits include 360; either 442 or 446; two courses from 344, 465 or 495; and three additional courses selected in consultation with the advisor.

Formerly:

All prerequisites required for the major are required for this concentration. The concentration in environmental issues and globalization consists of Sociology 321 and 331 and 21 hours of upper-division sociology courses as follows – 360; either 442 or 446; two courses from 344, 464, 465, and 495; and three courses selected in consultation with advisor.

REVISE SOCIOLOGY MINOR

On page 118 of the 2008-2009 *Undergraduate Catalog*, Minor in Sociology, revise to:

Students must complete all of the prerequisites for the major. This includes completing either Sociology 110 or 120 or their honor equivalents (Sociology 117 or 127) with a grade of C or above, and Statistics 201. The minor consists of 15 upper-division hours in sociology and must include Sociology 321 and 331.

Formerly:

The minor consists of 15 upper-division hours in sociology and must include 321 and 331. Prerequisites to the minor are 3 lower-division hours in sociology (either 110 or 120 or their honors equivalent) and Statistics 201.

REVISE SOCIOLOGY MINOR—ENVIRONMENTAL ISSUES AND GLOBALIZATION CONCENTRATION

On page 118 of the 2008-2009 *Undergraduate Catalog*, Minor in Sociology with Concentration in Environmental Issues and Globalization, revise to:

Students must complete all of the prerequisites for the major. This includes completing either Sociology 110 or Sociology 120 or their honor equivalents (Sociology 117 or 127) with a grade of C or above, and Statistics 201. The minor consists of 15 upper-division hours in Sociology and must include 321, 331, 360, and two courses from 344, 442, 446, 465 or 495.

Formerly:

The minor consists of 15 hours including Sociology 321, 331, 360 and two courses from 344, 442, 446 and 465. Prerequisite to the minor are either Sociology 110 or 120 and Statistics 201.

VARIOUS DEPARTMENTS

ADD ELECTIVE LISTS WHERE NOT SPECIFIED (FOR CLARIFICATION AND FOR DARS PROGRAMMING)

Program/Major/Minor	Requirement	2009 Course Options
Pre-Vet (p. 83)	Biology elective	Change footnote to, "Any BCMB course (except 306, 401, 402, 452, 457, 492, 493); any EEB course (except 304, 305, 309, 370, 400, 407, 413, 421, 446, 490, 493); any MICRO course (except 491, 492, 493)."
BFA in Studio Art/All Concentrations (p. 85)	Studio electives	Any Art Ceramics 200-level or above (except 320, 495); any Art Drawing 200-level or above (except 312, 495); any Art Media Arts 200-level or above (except 330, 433, 495); any Art Painting 200-level or above (except 314, 316, 495); any Art Printmaking 200-level or above (except 360, 495); and any Art Sculpture 200-level or above (except 340, 495)
BA in Art History (p. 87)	Art history electives	Any Art History 200-level or above
Biological Sciences/EEB Conc. (p. 89)	Appropriate upper-division courses (remaining hours for EEB in 3 rd bullet)	Animal Science 340; Anthropology 464, 490, 494, 496; BCMB 330, 419; Geography 334, 411, 434, 435, 436, 439; Geology 320, Microbiology 470; WFS 440, 442, 443, 444, 445
Biological Sciences/Plant Biology Conc. (p. 90)	9 additional upper division hours offered by life sciences depts. (2 nd bullet)	Any upper-level course in BCMB, biology, EEB, or microbiology
BS in Chemistry (p. 91)	Electives (12 hours) (footnote 3)	"Any course not already required." Upper-level BCMB, mathematics, physics, and chemical & biomolecular engineering can be listed as recommended but will not be required in DARS.
BS/Chemistry Major (p. 91)	Intermediate foreign language sequence (right column, 2 nd paragraph)	Any intermediate level foreign language sequence; Intermediate sequences in German, French, Russian, or Japanese will be listed as recommended but will not be required in DARS.
Classics/ Greek Conc. (p. 92)	Greek language courses numbered above 200	Classics 261, 264, 401, 402, 405, 406
Classics/ Latin Conc. (p. 92)	Latin language courses numbered above 200	Classics 251, 252, 351, 352, 414, 431, 432, 435
Geology (p. 93)	Approved field camp (5 hours)	Geology 440
Interdisciplinary Studies/American Studies Conc. (p. 96)	Two approved upper-division American history courses	History 350, 351, 352, 353, 354, 355, 356, 441, 442, 444, 449, 450, 452, 479, (History 373, 482, 485 when topic is appropriate will be handled through the petition process)
	Two approved upper-division courses from anthropology, economics, political science or sociology	Anthropology 310, 311, 322, 360, 361, 363, 459, 465, 466; Economics 300, 331, 333, 351, 361, 400, 435, 472, 493; Political Science 311, 315, 320, 321, 330, 341, 366, 374, 410, 411, 412, 421, 425, 430, 431, 493, 494, 493; Sociology 310, 340, 343, 400, 452, 453, 455
	Courses in concentration chosen in consultation with advisor	Africana Studies 310, 331, 333, 343, 352, 353, 376, 380, 421, 429, 443, 450, 470, 473, 480, 484, 493; American Studies 310, 312, 320, 334, 343, 345, 355, 356, 381, 410, 420, 423, 442, 450, 469, 491, 492, 493; Anthropology 310, 311, 322, 360, 361, 363, 459, 465, 466; Art History 470, 472, 473; Cinema Studies 400, 489; Communication Studies 450, 455, 466, 476, 493; Economics 300, 331, 333, 351, 361, 400, 435, 472, 493; English 331, 332, 333, 431, 432, 433, 434, 435, 436, 441, 442, 443, 451, 472, 482, 483, 489, 490, 493; Geography 309, 361, 363, 365, 366, 441, 442, 443, 493, 495; History 325, 349, 350, 351, 352, 353, 354, 355, 373, 379, 380, 441, 442, 444, 449, 450, 452, 479, 490, 493; Interdisciplinary Programs 400, 493; Journalism and Electronic Media 367, 430, 457, 465, 493, 494; Linguistics 472, 485, 490, 493; MSCI 430; Political Science 311, 315, 320, 321, 330,

		341, 366, 374, 410, 411, 412, 421, 425, 430, 431, 493, 494, 495; Religious Studies 351, 352, 353, 355, 430, 490, 493; Rural Sociology 380; Sociology 310, 340, 343, 400, 452, 453, 455; Sport Studies 335; Women's Studies 310, 332, 340, 400, 453, 454, 465, 466, 476, 484, 493
Minor in American Studies (p. 96)	Program's list of electives (12 hours)	Africana Studies 310, 331, 333, 343, 352, 353, 376, 380, 421, 429, 443, 450, 470, 473, 480, 484, 493; American Studies 310, 312, 320, 334, 343, 345, 355, 356, 381, 410, 420, 423, 442, 450, 469, 491, 492, 493; Anthropology 310, 311, 322, 360, 361, 363, 459, 465, 466; Art History 470, 472, 473; Cinema Studies 400, 489; Communication Studies 450, 455, 466, 476, 493; Economics 300, 331, 333, 351, 361, 400, 435, 472, 493; English 331, 332, 333, 431, 432, 433, 434, 435, 436, 441, 442, 443, 451, 472, 482, 483, 489, 490, 493; Geography 309, 361, 363, 365, 366, 441, 442, 443, 493, 495; History 325, 349, 350, 351, 352, 353, 354, 355, 373, 379, 380, 441, 442, 444, 449, 450, 452, 479, 490, 493; Interdisciplinary Programs 400, 493; Journalism and Electronic Media 367, 430, 457, 465, 493, 494; Linguistics 472, 485, 490, 493; MSCI 430; Political Science 311, 315, 320, 321, 330, 341, 366, 374, 410, 411, 412, 421, 425, 430, 431, 493, 494, 495; Religious Studies 351, 352, 353, 355, 430, 490, 493; Rural Sociology 380; Sociology 310, 340, 343, 400, 452, 453, 455; Sport Studies 335; Women's Studies 310, 332, 340, 400, 453, 454, 465, 466, 476, 484, 493
Interdisciplinary Studies/Asian Studies: Islamic World Conc. (p. 97)	Asian Language competency: The Islamic World	Asian Languages 221-222 or 261-262
	Courses listed within one of the four geographical-cultural areas (Islamic World) <u>and</u> from Subdivision A (6 hours)	Religious Studies 332, 333
	Courses listed within one of the four geographical - cultural areas (Islamic World) <u>and</u> from Subdivision B (6 hours)	History 369, 370, Political Science 463
	Courses listed for other geographical – cultural areas (6 hours)	Art History 411, 415, 416, 419, Arch 412, ASLN 311, 312, 313, 314, 321, 331, 332, 351, 352, 413, 431, 451, 452, Geography 374, History 389, 390, 391, 392, Political Science 454, Religious Studies 374, 376, 378, 379, 380, 382, 383, 384 474 (select 6 hours)
	Remaining 8 hours to get to the required 26 hour total	Any Asian Studies 300-level or above courses, Art History 411, 415, 416, 419, Arch 412, ASLN 311, 312, 313, 314, 315, 321, 331, 332, 351, 352, 413, 431, 451, 452, Geography 374, History 369, 370, 389, 390, 391, 392, Political Science 454, 463, Religious Studies 332, 333, 374, 376, 378, 379, 380, 382, 383, 384, 474
Interdisciplinary Studies/Asian Studies: South Asia Conc.	Asian Language competency: South Asia	Must use petition process
	Courses listed within one of the four geographical-cultural areas (South Asia) <u>and</u> from Subdiv. A (6 hours)	Art History 411, Arch 412, Religious Studies 374, 376, 474
	Courses listed within one of the four geographical - cultural areas (South Asia) <u>and</u> from Subdiv. B (6 hours)	Religious Studies 378, 382
	Courses listed for other geographical – cultural areas (6 hours)	Art History 415, 416, 419, ASLN 311, 312, 313, 314, 321, 331, 332, 351, 352, 413, 431, 451, 452, History 369, 370, 389, 390, 391, 392, Political Science 454, 463, Religious Studies 332, 333, 379, 380, 383, 384
	Remaining 8 hours to get to the required 26 hour total	Any Asian Studies 300-level or above courses, Art History 411, 415, 416, 419, Arch 412, ASLN 311, 312, 313, 314, 315, 321, 331, 332, 351, 352, 413, 431, 451, 452, Geography 374, History 369, 370, 389, 390, 391, 392, Political Science 454, 463, Religious Studies 332, 333, 374, 376, 378, 379, 380, 382, 383, 384, 474
Interdisciplinary Studies/Asian Studies: China Conc.	Asian Language competency: China	Asian Languages 231-232
	Courses listed within	Art History 415, 416, Arch 412, ASLN 311, 312, 331, 332, 431, Religious

	one of the four geographical-cultural areas (China) <u>and</u> from Subdiv. A (6 hours)	Studies 379, 380, 384
	Courses listed within one of the four geographical - cultural areas (China) <u>and</u> from Subdiv. B (6 hours)	Geography 374, History 389, 390, 391, Political Science 454
	Courses listed for other geographical – cultural areas (6 hours)	Art History 411, 419, ASLN 313, 314, 351, 352, 413, 451, 452, History 369, 370, 392, Political Science 463, Religious Studies 332, 333, 374, 378, 382, 383, 474
	Remaining 8 hours to get to the required 26 hour total	Any Asian Studies 300-level or above courses, Art History 411, 415, 416, 419, Arch 412, ASLN 311, 312, 313, 314, 315, 321, 331, 332, 351, 352, 413, 431, 451, 452, Geography 374, History 369, 370, 389, 390, 391, 392, Political Science 454, 463, Religious Studies 332, 333, 374, 376, 378, 379, 380, 382, 383, 384, 474
Interdisciplinary Studies/Asian Studies: Japan Conc.	Asian Language competency: Japan	Asian Languages 251-252
	Courses listed within one of the four geographical-cultural areas (Japan) <u>and</u> from Subdiv. A (6 hours)	Art History 419, Arch 412, ASLN 313, 314, 321, 351, 352, 413, 451, 452, Religious Studies 380, 383
	Courses listed within one of the four geographical - cultural areas (Japan) <u>and</u> from Subdiv. B (6 hours)	Geography 374, History 392, Political Science 454
	Courses listed for other geographical – cultural areas (6 hours)	Art History 411, 415, 416, ASLN 311, 312, 331, 332, 431, History 369, 370, 389, 390, 391, Political Science 463, Religious Studies 332, 333, 374, 378, 379, 382, 384, 474
	Remaining 8 hours to get to the required 26 hour total	Any Asian Studies 300-level or above courses, Art History 411, 415, 416, 419, Arch 412, ASLN 311, 312, 313, 314, 315, 321, 331, 332, 351, 352, 413, 431, 451, 452, Geography 374, History 369, 370, 389, 390, 391, 392, Political Science 454, 463, Religious Studies 332, 333, 374, 376, 378, 379, 380, 382, 383, 384, 474
Minor in Asian Studies: The Islamic World (p. 97)	Courses listed within one of the four geographical-cultural areas (Islamic World) <u>and</u> from Subdiv. A (6 hours)	Religious Studies 332, 333
	Courses listed within one of the four geographical - cultural areas <u>and</u> from Subdiv. B (6 hours)	History 369, 370, Political Science 463
	Courses listed for other geographical – cultural areas (3 hours)	Art History 411, 415, 416, 419, Arch 412, ASLN 311, 312, 313, 314, 321, 331, 332, 351, 352, 413, 431, 451, 452, Geography 374, History 389, 390, 391, 392, Political Science 454, Religious Studies 374, 376, 378, 379, 380, 382, 383, 384 474
Minor in Asian Studies: South Asia (p. 97)	Courses listed within one of the four geographical-cultural areas (South Asia) <u>and</u> from Subdiv. A (6 hours)	Art History 411, Arch 412, Religious Studies 374, 376, 474
	Courses listed within one of the four geographical - cultural areas (South Asia) <u>and</u> from Subdiv. B (6 hours)	Religious Studies 378, 382
	Courses listed for other geographical – cultural areas (3 hours)	Art History 415, 416, 419, ASLN 311, 312, 313, 314, 321, 331, 332, 351, 352, 413, 431, 451, 452, History 369, 370, 389, 390, 391, 392, Political Science 454, 463, Religious Studies 332, 333, 379, 380, 383, 384
Minor in Asian Studies:	Courses listed within	Art History 415, 416, Arch 412, ASLN 311, 312, 331, 332, 431, Religious

China (p. 97)	one of the four geographical-cultural areas (China) <u>and</u> from Subdiv. A (6 hours)	Studies 379, 380, 384
	Courses listed within one of the four geographical - cultural areas (China) <u>and</u> from Subdiv. B (6 hours)	Geography 374, History 389, 390, 391, Political Science 454
	Courses listed for other geographical – cultural areas (3 hours)	Art History 411, 419, ASLN 313, 314, 351, 352, 413, 451, 452, History 369, 370, 392, Political Science 463, Religious Studies 332, 333, 374, 378, 382, 383, 474
Minor in Asian Studies: Japan (p. 97)	Courses listed within one of the four geographical-cultural areas (Japan) <u>and</u> from Subdiv. A (6 hours)	Art History 419, Arch 412, ASLN 313, 314, 321, 351, 352, 413, 451, 452, Religious Studies 380, 383
	Courses listed within one of the four geographical - cultural areas (Japan) <u>and</u> from Subdiv. B (6 hours)	Geography 374, History 392, Political Science 454
	Courses listed for other geographical – cultural areas (3 hours)	Art History 411, 415, 416, ASLN 311, 312, 331, 332, 431, History 369, 370, 389, 390, 391, Political Science 463, Religious Studies 332, 333, 374, 378, 379, 382, 384, 474
French (p. 103)	400-level literature (one course)	French 410, 411, 412, 413, 414, 415, 430, 433
Spanish/Hispanic Studies Conc. (p. 104)	2 courses in language, literature, or culture	All Spanish 300-400 level courses EXCEPT 401, 402, 465
	4 courses in language, literature, or culture	All Spanish 400 level courses EXCEPT 401, 402, 465
Spanish/Literature Conc. (p. 104)	2 additional 400-level courses	Spanish 420, 421, 422, 423, 425, 426, 430, 433, 434, 461, 465, 479, 480, 482, 484, 486, 489 (<u>not</u> 401, 402, 465)
	2 additional 400-level literature courses	Spanish 433, 434, 461, 479, 480, 482, 484, 486, 489 (<u>not</u> 401, 402, 465)
French/LWB (p. 104)	400-level literature (one course)	French 410, 411, 412, 413, 414, 415, 430, 433
Spanish/LWB (p. 104)	300-400 level literature survey course	Spanish 305, 332, 333, 334, 345 or 346, 420, 421, 422, 423, 425, 426, 430, 433, 434, 461, 465, 479, 480, 482, 484, 486, 489
	2 courses in language, literature, or culture (300 level)	All Spanish 300-400 level courses EXCEPT 401, 402, 465
	2 courses in language, literature, or culture (400 level)	All Spanish 400 level courses EXCEPT 401, 402, 465
Minor in German (p. 105)	German courses in English translation	German 323, 350, and 416 (these should NOT be applied toward the minor)
Music Major/Music Education Conc./String Emphasis (p. 106)	Music performance courses	Violin—160-161, 260-261, 360-361, 460-461 Viola—165-166, 265-266, 365-366, 465-466 Cello—170-171, 270-271, 370-371, 470-471 String/Bass—174-175, 274-275, 374-375, 474-475
Music Major/Music Education Conc./Woodwind, Brass, & Percussion Emphasis (p. 107)	Music performance courses	<u>Woodwind & Percussion:</u> Flute—103-104, 203-204, 303-304, 403-404 Oboe—105-106, 205-206, 305-306, 405-406 Bassoon—110-111, 210-211, 310-311, 410-411 Clarinet—115-116, 215-216, 315-316, 415-416 Sax—120-121, 220-221, 320-321, 420-421 Percussion—150-151, 250-251, 350-351, 450-451 <u>Brass:</u> Horn—125-126, 225-226, 325-326, 425-426 Trumpet—130-131, 230-231, 330-331, 430-431 Trombone—135-136, 235-236, 335-336, 435-436 Baritone/Euphonium—140-141, 240-241, 340-341, 440-441 Tuba—145-146, 246-246, 345-346, 445-446
Music Major/ Brass Conc.	Music performance courses	Horn—125-126, 225-226, 325-326, 425-426 Trumpet—130-131, 230-231, 330-331, 430-431

(p. 109)		Trombone—135-136, 235-236, 335-336, 435-436 Baritone/Euphonium—140-141, 240-241, 340-341, 440-441 Tuba—145-146, 246-246, 345-346, 445-446
	Music Electives	Music Education -- any class (200 – 499) Music Ensemble – any class (300-399) Music General – any class (100-499) Music Instrumental – any class (100-499) Music Jazz – any class (100-499) Music Keyboard – any class (100-499) Music Performance – any class (100 – 499) Music Technology – any class (100-499) Music Theory – any class (100-499) Music Voice – any class (100-499) Musicology – any class (100-499)
Music Major/ Strings Conc. (p. 109)	Music performance courses	Violin—160-161, 260-261, 360-361, 460-461 Viola—165-166, 265-266, 365-366, 465-466 Cello—170-171, 270-271, 370-371, 470-471 String/Bass—174-175, 274-275, 374-375, 474-475
Music Major/ Studio Music & Jazz Conc. (p. 112)	Music performance courses	<u>Strings</u> Violin—160-161, 260-261, 360-361, 460-461 Viola—165-166, 265-266, 365-366, 465-466 Cello—170-171, 270-271, 370-371, 470-471 String/Bass—174-175, 274-275, 374-375, 474-475 <u>Woodwind & Percussion:</u> Flute—103-104, 203-204, 303-304, 403-404 Oboe—105-106, 205-206, 305-306, 405-406 Bassoon—110-111, 210-211, 310-311, 410-411 Clarinet—115-116, 215-216, 315-316, 415-416 Sax—120-121, 220-221, 320-321, 420-421 Percussion—150-151, 250-251, 350-351, 450-451 <u>Brass:</u> Horn—125-126, 225-226, 325-326, 425-426 Trumpet—130-131, 230-231, 330-331, 430-431 Trombone—135-136, 235-236, 335-336, 435-436 Baritone/Euphonium—140-141, 240-241, 340-341, 440-441 Tuba—145-146, 246-246, 345-346, 445-446
Music Major/ Theory & Compos. Conc. (p. 112)	Music performance courses	<u>Strings</u> Violin—160-161, 260-261, 360-361, 460-461 Viola—165-166, 265-266, 365-366, 465-466 Cello—170-171, 270-271, 370-371, 470-471 String/Bass—174-175, 274-275, 374-375, 474-475 <u>Woodwind & Percussion:</u> Flute—103-104, 203-204, 303-304, 403-404 Oboe—105-106, 205-206, 305-306, 405-406 Bassoon—110-111, 210-211, 310-311, 410-411 Clarinet—115-116, 215-216, 315-316, 415-416 Sax—120-121, 220-221, 320-321, 420-421 Percussion—150-151, 250-251, 350-351, 450-451 <u>Brass:</u> Horn—125-126, 225-226, 325-326, 425-426 Trumpet—130-131, 230-231, 330-331, 430-431 Trombone—135-136, 235-236, 335-336, 435-436 Baritone/Euphonium—140-141, 240-241, 340-341, 440-441 Tuba—145-146, 246-246, 345-346, 445-446
Music Major/Woodwind & Percussion Conc. (p. 113)	Music performance courses	Flute—103-104, 203-204, 303-304, 403-404 Oboe—105-106, 205-206, 305-306, 405-406 Bassoon—110-111, 210-211, 310-311, 410-411 Clarinet—115-116, 215-216, 315-316, 415-416 Sax—120-121, 220-221, 320-321, 420-421 Percussion—150-151, 250-251, 350-351, 450-451

	Music electives	<p>Music Education -- any class (200 – 499) Music Ensemble – any class (300-399) Music General – any class (100-499) Music Instrumental – any class (100-499) Music Jazz – any class (100-499) Music Keyboard – any class (100-499) Music Performance – any class (100 – 499) Music Technology – any class (100-499) Music Theory – any class (100-499) Music Voice – any class (100-499) Musicology – any class (100-499)</p>
BA in Music (p. 114)	200 level or above music performance courses	<p><u>Strings</u> Violin—260-261, 360-361, 460-461 Viola—265-266, 365-366, 465-466 Cello—270-271, 370-371, 470-471 String/Bass—274-275, 374-375, 474-475 <u>Woodwind & Percussion:</u> Flute—203-204, 303-304, 403-404 Oboe—205-206, 305-306, 405-406 Bassoon—210-211, 310-311, 410-411 Clarinet—215-216, 315-316, 415-416 Sax—220-221, 320-321, 420-421 Percussion—250-251, 350-351, 450-451 <u>Brass:</u> Horn—225-226, 325-326, 425-426 Trumpet—230-231, 330-331, 430-431 Trombone—235-236, 335-336, 435-436 Baritone/Euphonium—240-241, 340-341, 440-441 Tuba—246-246, 345-346, 445-446</p>
BA in Music/Music & Culture Conc. (p. 114)	200 level or above music performance courses	<p><u>Strings</u> Violin—260-261, 360-361, 460-461 Viola—265-266, 365-366, 465-466 Cello—270-271, 370-371, 470-471 String/Bass—274-275, 374-375, 474-475 <u>Woodwind & Percussion:</u> Flute—203-204, 303-304, 403-404 Oboe—205-206, 305-306, 405-406 Bassoon—210-211, 310-311, 410-411 Clarinet—215-216, 315-316, 415-416 Sax—220-221, 320-321, 420-421 Percussion—250-251, 350-351, 450-451 <u>Brass:</u> Horn—225-226, 325-326, 425-426 Trumpet—230-231, 330-331, 430-431 Trombone—235-236, 335-336, 435-436 Baritone/Euphonium—240-241, 340-341, 440-441 Tuba—246-246, 345-346, 445-446</p>
Music Minor/ Applied Music (p. 114)	Music performance courses	<p><u>Strings</u> Violin—160-161, 260-261, 360-361, 460-461 Viola—165-166, 265-266, 365-366, 465-466 Cello—170-171, 270-271, 370-371, 470-471 String/Bass—174-175, 274-275, 374-375, 474-475 <u>Woodwind & Percussion:</u> Flute—103-104, 203-204, 303-304, 403-404 Oboe—105-106, 205-206, 305-306, 405-406 Bassoon—110-111, 210-211, 310-311, 410-411 Clarinet—115-116, 215-216, 315-316, 415-416 Sax—120-121, 220-221, 320-321, 420-421 Percussion—150-151, 250-251, 350-351, 450-451 <u>Brass:</u> Horn—125-126, 225-226, 325-326, 425-426 Trumpet—130-131, 230-231, 330-331, 430-431 Trombone—135-136, 235-236, 335-336, 435-436 Baritone/Euphonium—140-141, 240-241, 340-341, 440-441 Tuba—145-146, 246-246, 345-346, 445-446</p>

	Music electives (7 hours)	Music Education – any class 200-499 Music Ensemble – any class 200-499 Music General – any class 200-499 Music Instrumental – any class 200-499 Music Jazz –110, 120, any class 200-499 Music Keyboard – any class 200-499 Music Performance – any class 200-499 Music Technology-- any class 200-499 Music Theory – 110, 120, 130, 140, any class 200-499 Music Voice – any class 200-499 Musicology – any class 200-499
Music Minor/ Musicology (p. 114)	Music performance courses	<u>Strings</u> Violin—160-161, 260-261, 360-361, 460-461 Viola—165-166, 265-266, 365-366, 465-466 Cello—170-171, 270-271, 370-371, 470-471 String/Bass—174-175, 274-275, 374-375, 474-475 <u>Woodwind & Percussion:</u> Flute—103-104, 203-204, 303-304, 403-404 Oboe—105-106, 205-206, 305-306, 405-406 Bassoon—110-111, 210-211, 310-311, 410-411 Clarinet—115-116, 215-216, 315-316, 415-416 Sax—120-121, 220-221, 320-321, 420-421 Percussion—150-151, 250-251, 350-351, 450-451 <u>Brass:</u> Horn—125-126, 225-226, 325-326, 425-426 Trumpet—130-131, 230-231, 330-331, 430-431 Trombone—135-136, 235-236, 335-336, 435-436 Baritone/Euphonium—140-141, 240-241, 340-341, 440-441 Tuba—145-146, 246-246, 345-346, 445-446
	Music electives (5 hours)	Music Education – any class 200-499 Music Ensemble – any class 200-499 Music General – any class 200-499 Music Instrumental – any class 200-499 Music Jazz –110, 120, any class 200-499 Music Keyboard – any class 200-499 Music Performance – any class 200-499 Music Technology-- any class 200-499 Music Theory – 110, 120, 130, 140, any class 200-499 Music Voice – any class 200-499 Musicology – any class 200-499
Philosophy (p. 115)	Ethics courses	Philosophy 241, 242, 243, 244, 245, 246, 340, 347, 440, 443, 445, 446
	History of philosophy courses (one ancient and one modern)	<u>Ancient:</u> Philosophy 320 (or honors 327) or 322 <u>Modern:</u> Philosophy 324 (or honors 328) or 326
Sociology/ Criminal Justice Conc. (p.118)	Three courses selected in consultation with an advisor	All 300- and 400-level sociology courses
Sociology/ Env. Issues & Globaliz. Conc. (p.118)	Three courses selected in consultation with an advisor	All 300- and 400-level sociology courses
Theatre (p. 118)	12 theatre hours numbered 200 and above, 3 of which may be in cognate areas approved by the department	DARS will allow any theatre course at 200-level or above not already required for major; any exceptions in cognate areas will be handled through the petition process
Interdisciplinary Studies / Comparative Literature Conc. and Minor in Comparative Literature (p. 97)	Literature courses, either in English or in a foreign language, numbered 300 or above and from at least two departments—Classics, English, Modern For Lang, Religious Studies (9 hours)	Still need list
Interdisciplinary Studies / Linguistics Conc. (p. 98)	Third year of Indo- European foreign language	Still need list

Linguistics Minor (p. 99)	3 hours selected in consultation with a linguistics advisor	Still need list
Interdisciplinary Studies / Medieval Studies Conc. and Minor in Medieval Studies (p. 99)	21 hours divided among the following three categories	Still need list

COLLEGE OF BUSINESS ADMINISTRATION

Effective Fall 2009

PART I: COURSE CHANGES**BUSINESS ADMINISTRATION (INTERDEPARTMENTAL UNIT)****(205) (BUAD) Business Administration**

ADD

102 Service Learning Seminar (1) Provides framework for participation in service to community.

*Comment(s): Participation in the College of Business Administration's Venture Living Learning Community is required.
Registration Permission: Consent of instructor.*

337 Honors: CBM I: Supply Chain Management (2) Coordinating the end-to-end relationships between supply chain members from inputs to delivery of product/services. Understanding impact of demand and supply information flows across the supply chain. Emphasis on integrating activities through improved processes and relationships to achieve and maintain competitive advantage.

(RE) Prerequisite(s): 201.

(RE) Corequisite(s): 338.

Comment(s): Admission to the College of Business Administration's Global Leadership Scholars Program is required.

338 Honors: CBM I: Demand Management (2) Analysis of current and future markets opportunities. Translation of identified opportunities into strategies to select, acquire, and retain customers that are consistent with overall organizational objectives. Includes design, execution, and evaluation of strategies from the perspective of an organization within a channel of distribution context.

(RE) Prerequisite(s): 201.

(RE) Corequisite(s): 337.

Comment(s): Admission to the College of Business Administration's Global Leadership Scholars Program is required.

DROP

467 Honors: Corporate Executive in Residence Seminar (3)**(583) (IB) International Business**

ADD

469 International Accounting (3) International accounting topics including but not limited to International Accounting Standards Board (IASB), International Financial Reporting Standards (IFRS), convergence of US standards with international standards, international taxation, and other issues relating to international and multinational accounting and reporting.

(RE) Prerequisite(s): Business Administration 361.

Comment(s): Students must be admitted to an international business collateral or dual concentration.

Registration Restriction(s): Majors in the College of Business Administration.

Credit Restriction: Accounting majors may not receive accounting or international business credit for this course.

REVISE CREDIT RESTRICTION

429 International Economics for Business (3)

Credit Restriction: Students may not receive credit for both Economics 421 and International Business 429.

Formerly:

Credit Restriction: Students may not receive credit for both Economics 322 and International Business 429.

DEPARTMENT OF ACCOUNTING AND INFORMATION MANAGEMENT**(009) (ACCT) Accounting**

REVISE TO ADD COMMENT

321 Cost Management (3)

Comment(s): Grade of C or better in 301 is required.

(558) (INMT) Information Management

REVISE TO ADD COMMENT

342 Introduction to Database Systems (3)*Comment(s): Grade of C or better in 341 is required.***442 e-Enterprise (3)***Comment(s): Grade of C or better in 341 is required.***443 Business Applications and Tools (3)***Comment(s): Grade of C or better in 341 is required.***DEPARTMENT OF ECONOMICS****(283) (ECON) Economics**

DROP

499 Analysis of Economics Problems (3)

DROP (RE) PREREQUISITE(S), ADD (DE) PREREQUISITE(S)

400 Special Topics II (3)*(DE) Prerequisite(s): 311 or 312 and 313.*

Formerly:

(RE) Prerequisites: 311 and 313.

REVISE TO REMOVE CREDIT RESTRICTION

322 The Global Economy: Trade and Development (3)

Formerly:

Credit Restriction: Students may not receive credit for both Economics 322 and International Business 429.

REVISE TO ADD CREDIT RESTRICTION

421 International Economics (3)*Credit Restriction: Students may not receive credit for both Economics 421 and International Business 429.***DEPARTMENT OF FINANCE****(349) (FINC) Finance**

ADD

300 Fundamentals of Finance (3) Survey of the basic principles of finance.*(RE) Prerequisite(s): Business Administration 201.**Comment(s): Not for majors in the College of Business Administration.**Registration Restriction(s): Minimum student level – junior.*

REVISE COMMENT

402 Special Topics in Finance (3)*Comment(s): Grades of C or better in Finance 301 and Accounting 301 are required.*

Formerly:

*Comment(s): Grade of C or better in Finance 301 is required.***425 Investment and Portfolio Management (3)***Comment(s): Grades of C or better in Finance 301 and Accounting 301 are required.*

Formerly:

*Comment(s): Grade of C or better in Finance 301 is required.***435 Financial Markets and Institutions (3)***Comment(s): Grades of C or better in Finance 301 and Accounting 301 are required.*

Formerly:

Comment(s): Grade of C or better in Finance 301 is required.

475 Insurance and Financial Planning Management (3)

Comment(s): Grades of C or better in Finance 301 and Accounting 301 are required.

Formerly:

Comment(s): Grade of C or better in Finance 301 is required.

485 Real Estate Finance and Investment Analysis (3)

Comment(s): Grades of C or better in Finance 301 and Accounting 301 are required.

Formerly:

Comment(s): Grade of C or better in Finance 301 is required.

REVISE TO ADD COMMENT

455 Financial Management: Theory and Practice (3)

Comment(s): Grade of C or better in 425 is required.

REVISE TO ADD REGISTRATION RESTRICTION

301 Financial Management (3)

Registration Restriction(s): Majors in the College of Business Administration.

DEPARTMENT OF MANAGEMENT**(530) (HRM) Human Resource Management**

ADD

360 Managing Human Resources (3) Theory, methods, and issues used to manage human resources in contemporary organizations. Overview of how organizations attract, motivate, develop, and retain employees, and how they interact with organizations representing employees. Designed to provide students with an opportunity to understand the functional areas of human resource management and the integration of these functions into an effective and efficient human resource management system.

(RE) Corequisite(s): Business Administration 331 or Business Administration 341.

Registration Restriction(s): Majors in the College of Business Administration.

370 Acquiring Talent (3) Workforce planning, recruitment and selection, organizational entry and socialization. Planning, developing, implementing, administering, and performing ongoing evaluation of recruiting, hiring, orientation, and organizational exit to ensure that the workforce will meet the organization's goals and objectives.

(RE) Prerequisite: 360.

Comment(s): Grade of C or better in 360 is required.

Registration Restriction(s): Majors in the College of Business Administration.

480 Growing Talent (3) Ensuring that the skills, knowledge, abilities, and performance of the workforce meet the current and future organizational and individual needs through developing, implementing, and evaluating activities and programs addressing employee training and development, change and performance management, and the unique needs of particular employee groups.

(RE) Prerequisite: 370.

Comment(s): Grade of C or better in 370 is required.

Registration Restriction(s): Majors in the College of Business Administration.

485 Retaining Talent (3) Strategies for maintaining high performance. Performance appraisal, compensation and benefits, employee and labor relations, health, safety and security issues.

(RE) Prerequisite: 370.

Comment(s): Grade of C or better in 370 is required.

Registration Restriction(s): Majors in the College of Business Administration.

DROP

330 Foundations of Organizational Behavior (3)**340 Training Systems: Strategies and Techniques (3)****350 Employee and Labor Relations (3)****460 Compensation, Benefits, and Technologies for Human Resource Management (3)****470 Staffing Organizations (3)**

(625) (MGT) Management

ADD

336 Foundations of Organizational Behavior (3) Behavioral processes in organizations – perception, motivation, power and influence, leadership. Behavioral consequences – group behavior, teamwork, politics, conflict, culture, change, and development.

(RE) Corequisite(s): Business Administration 353.

Registration Restriction(s): Majors in the College of Business Administration.

350 Introduction to Entrepreneurship (3) An introduction to entrepreneurship with an emphasis on identifying, evaluating and developing new venture opportunities. Topics include opportunity identification and evaluation, start-up strategies, business valuation, business plan development, attracting stakeholders, financing the venture, managing the growing business and exit strategies.

(RE) Corequisite(s): Business Administration 331 or Business Administration 341.

Registration Restriction(s): Majors in the College of Business Administration.

430 Negotiation Skills (3) Study of a framework for effective negotiation. Practice in specific individual and group negotiation processes and techniques.

(RE) Prerequisite(s): 331.

Comment(s): Grade of C or better in 331 is required.

Registration Restriction(s): Majors in the College of Business Administration.

435 Solving Complex Business Problems (3) Study of frameworks for making effective decisions with linkage to examples of successful and unsuccessful strategic decision making processes. Emphasis on developing decision making skills related to strategic issues facing a firm.

(RE) Prerequisite(s): 331.

Comment(s): Grade of C or better in 331 is required.

Registration Restriction(s): Majors in the College of Business Administration.

460 Leading Innovation and Change (3) How managers identify and nurture new business opportunities while maintaining competitive advantage. Topics include examination of change models, the role of middle managers in large organizations, and ways to address resistance to change.

(RE) Prerequisite(s): 331.

Comment(s): Grade of C or better in 331 is required.

Registration Restriction(s): Majors in the College of Business Administration.

DROP

401 Business Strategy/Policy (3)**431 Personnel Management (3)**

REVISE COURSE TITLE AND DESCRIPTION

331 Leadership Skills (3) Focuses on developing leadership skills. Provides students with self-assessment, developmental exercises, and case studies to prepare them for leadership roles.

Formerly:

331 Developing Managerial Skills (3) Focuses on developing the skills to manage the dynamics of organizational behavior including motivating others, decision making, using power and influence, resolving conflict, building teams, and leading change.

REVISE COURSE TITLE, DROP (RE) COREQUISITE, AND ADD (RE) PREREQUISITE

451 New Venture Planning (3)

(RE) Prerequisite: 350.

Formerly:

451 Business Planning (3)

(RE) Corequisite(s): 431.

REVISE COURSE DESCRIPTION

402 International Business Strategy (3) Capstone course which develops students' understanding of strategic leadership, planning, and decision-making in today's global environment. Students are required to think like senior executives and are encouraged to begin the transition process from learning to application. The course integrates all functional areas to formulate and implement effective strategies. Case method used to emphasize critical thinking, challenging dialogue, and presentation skill enhancement. The course also requires effective writing.

Formerly: Provides an understanding of how to design and implement business and corporate strategies that will achieve sustainable competitive advantage in the international arena. Its perspective is that of the general manager who, to be successful, must balance the demands of multiple stakeholders and integrate various organizational activities and business functions into a cohesive unit. Emphasis is placed on the practical application of concepts and theories to real business situations.

407 Honors: International Business Strategy (3) Capstone course which develops students' understanding of strategic leadership, planning, and decision-making in today's global environment. Students are required to think like senior executives and are encouraged to begin the transition process from learning to application. The course integrates all functional areas to formulate and implement effective strategies. Case method used to emphasize critical thinking, challenging dialogue, and presentation skill enhancement. The course also requires effective writing.

Formerly: Provides an understanding of how to design and implement business and corporate strategies that will achieve sustainable competitive advantage in the international arena. Its perspective is that of the general manager who, to be successful, must balance the demands of multiple stakeholders and integrate various organizational activities and business functions into a cohesive unit. Emphasis is placed on the practical application of concepts and theories to real business situations.

Equivalency Table

Current Courses Human Resource Management (530) Management (625)	Equivalent Courses Fall 2009 Human Resource Management (530) Management (625)
Human Resource Management 330	Management 336
Human Resource Management 350	Human Resource Management 480
Human Resource Management 460	Human Resource Management 485
Human Resource Management 470	Human Resource Management 370
Management 431	Human Resource Management 360

DEPARTMENT OF MARKETING AND LOGISTICS

(626) (LOG) Logistics

REVISE TO ADD COMMENT

411 Logistics Analytics Methods (3)

Comment(s): Grade of C or better in 310 is required.

412 Logistics Analytical Methods II (3)

Comment(s): Grade of C or better in 310 is required.

413 Logistics Operations Management (3)

Comment(s): Grade of C or better in 310 is required.

421 Procurement and Supply Management (3)

Comment(s): Grade of C or better in 411 is required.

460 Strategic Logistics in a Global Supply Chain Environment (3)

Comment(s): Grade of C or better in 411 is required.

(632) (MARK) Marketing

ADD

360 Marketing Analytics (3) Develops students' analytical and decision-making skills through specific exercises and examples that apply various statistics principles to marketing-specific content. Students learn how to organize data into customer databases and how to analyze those databases through learning of statistical techniques, decision analysis techniques, and spreadsheet analysis techniques.

(RE) Prerequisite(s): Business Administration 332.

Registration Restriction(s): Majors in the College of Business Administration.

462 Product/Service Management (3) Examines how organizations deliver value to customers through product and service strategies. Topics in product management include new product development, product life cycle, product mix management, and brand marketing. Topics in services management include service design, service delivery, service quality/productivity, service failure/recovery, and role of technology.

(RE) Prerequisite(s): 350.

(RE) Corequisite(s): 360.

Comment(s): Grade of C or better in 350 is required.

Registration Restriction(s): Majors in the College of Business Administration.

466 Integrated Marketing Communications Management (3) Examines how organizations communicate value to customers. Communication topics will be presented in the framework of an integrated marketing communication strategy. Topics include advertising management, sales promotion, publicity and public relations, sponsorship marketing, direct marketing, and e-marketing.

(RE) Prerequisite(s): 350.

(RE) Corequisite(s): 360.

Comment(s): Grade of C or better in 350 is required.

Registration Restriction(s): Majors in the College of Business Administration.

468 Sales Force Management (3) Examines how organizations communicate value to customers through face-to-face selling. Focuses on the activities and problems of sales representatives and first line sales managers. Topics include the selling process, sales force organization, recruiting, motivating, forecasting, territory design, and evaluation.

(RE) Prerequisite(s): 350.

(RE) Corequisite(s): 360.

Comment(s): Grade of C or better in 350 is required.

Registration Restriction(s): Majors in the College of Business Administration.

DROP

345 Marketing Analytics (2)

452 Product/Service Management (2)

456 Integrated Marketing Communications Management (2)

458 Sales Force Management (2)

REVISE COURSE TITLE, REVISE COURSE DESCRIPTION, AND ADD (RE) COREQUISITE

340 Intermediate Marketing (3) Examines the marketing management tools that customer focused organizations use to identify, acquire and retain customers through marketing mix decisions. Students learn skills needed to create and execute these tactics. Topics include market opportunity analysis, product management, segmentation targeting and positioning, pricing decisions, integrated marketing communications, and channel management as well as customer focused activities such as customer relationship management and brand management. Strategic planning and general marketing strategies are introduced.

(RE) Corequisite(s): 350.

Formerly:

340 Marketing Strategy Frameworks (3) Examines the marketing strategies that customer focused organizations use to acquire and retain customers. Students learn skills needed to create and implement these strategies. Topics include market opportunity analysis, marketing strategy planning, segmentation and targeting decisions, value positioning decisions, customer focused strategies (e.g., integrated marketing communication, brand equity, customer relationship management), and translation of customer learning into marketing strategy.

REVISE COURSE TITLE, REVISE (RE) PREREQUISITE, DROP (DE) PREREQUISITE, AND ADD (RE) COREQUISITE

350 Consumer Behavior (3)

(RE) Prerequisite(s): Business Administration 332.

(RE) Corequisite(s): 340.

Formerly:

350 Customer Value Analysis (3)

(RE) Prerequisite(s): 340.

(DE) Prerequisite(s): 345 for marketing majors.

REVISE (RE) PREREQUISITE, DROP (DE) PREREQUISITE, AND ADD COMMENT

460 Global Marketing Strategy (3)

(RE) Prerequisite(s): 350 and 360.

Comment(s): Grades of C or better in 350 and 360 are required.

Formerly:

(RE) Prerequisite(s): 350.

(DE) Prerequisite(s): Any two of 452, 456, 458.

DEPARTMENT OF STATISTICS, OPERATIONS, AND MANAGEMENT SCIENCE

(738) (OMS) Operations and Management Science

REVISE TO ADD COMMENT

441 Operations and Management II (3)

Comment(s): Grade of C or better in 341 is required.

(962) (STAT) Statistics

REVISE TO ADD COMMENT

471 Statistical Methods (3)

Comment(s): Grade of C or better in 320 is required.

474 Introduction to Data Mining (3)

Comment(s): Grade of C or better in 471 is required.

475 Time Series Analysis (3)

Comment(s): Grade of C or better in 320 is required.

PART II: PROGRAM CHANGES

REVISE MINOR IN BUSINESS ADMINISTRATION

On page 119 of the 2008-2009 *Undergraduate Catalog*, revise minor requirements to replace Finance 301 with Finance 300.

Required courses	Hours Credit
Accounting 200	3
Economics 201	4
Statistics 201.....	3
Business Administration 201	4
Finance 300	3
Marketing 300	3
Management 300.....	3
	Total 23

REVISE PROGRESSION STANDARDS TO INCLUDE HONORS OPTIONS

On page 121 of the 2008-2009 *Undergraduate Catalog*, revise the first and second paragraphs under "Progression Standards" to:

Acceptance to the College of Business Administration does not guarantee acceptance to a specific major. Students are admitted to the college as pre-majors and must earn admission to the major prior to the completion of 75 hours of coursework. Application to a major is a one-time only event and occurs as part of the student's advising session in the Undergraduate Programs Office the semester a student completes the following coursework or honors equivalents: Mathematics 123-125, or 141-142 (6 or 8 hours); Oral Communication (3 hours from Communication Studies 210 or 240); Written Communication (3 hours from English 255 or 295); Accounting 200 (3 hours); Economics 201 (4 hours); Statistics 201 (3 hours); Business Administration 201 (4 hours).

Formerly:

Acceptance to the College of Business Administration does not guarantee acceptance to a specific major. Students are admitted to the college as pre-majors and must earn admission to the major prior to the completion of 75 hours of coursework. Application to a major is a one-time only event and occurs as part of the student's advising session in the Undergraduate Programs Office the semester a student completes the following coursework:

Mathematics 123-125, or 141-142 (6 or 8 hours); Oral Communication (3 hours from Communication Studies 210 or 240); Written Communication (3 hours from English 255, 295, or 355); Accounting 200 (3 hours); Economics 201 (4 hours); Statistics 201 (3 hours); Business Administration 201 (4 hours).

REVISE GENERAL EDUCATION REQUIREMENTS FOR ALL MAJORS

For all degree programs:

Revise Written Communication requirement to English 255*, 257*, or 295*.

Formerly: English 255*, 295*, or 355*

Revise Oral Communication requirement to Communication Studies 210*, 217*, 240*, or 247*.

Formerly: Communication Studies 210* or 240*

REVISE BUSINESS CORE REQUIREMENTS

For the following degree programs:

Change Management 401 – 3 hours – to Management 402 – 3 hours.

Remove footnote indicating, “students completing the international business collateral will substitute Management 402.”

Accounting Major – Collateral Option
Economics Major – Traditional Option
Economics Major – Collateral Option
Finance Major – Collateral Option
Finance Major – Dual Concentration with Internal Auditing
Human Resource Management Major – Collateral Option
Logistics Major – Collateral Option
Logistics Major – Dual Concentration with Information Management
Logistics Major – Dual Concentration with Internal Auditing
Logistics Major – Dual Concentration with Marketing
Logistics Major – Dual Concentration with Operations Management
Logistics Major – Dual Concentration with Statistics
Management Major – Collateral Option
Marketing Major – Collateral Option
Marketing Major – Dual Concentration with Information Management
Marketing Major – Dual Concentration with Internal Auditing
Marketing Major – Dual Concentration with Logistics
Marketing Major – Dual Concentration with Statistics
Public Administration Major
Statistics Major – Collateral Option
Statistics Major – Dual Concentration with Internal Auditing
Statistics Major – Dual Concentration with Logistics
Statistics Major – Dual Concentration with Marketing

REVISE INTERNATIONAL BUSINESS COLLATERAL

For the following majors with an International Business collateral option – Finance, Human Resource Management, Logistics, Management, and Marketing – add IB 469 as a course option:

Any three courses chosen from: International Business 409 (3), International Business 419 (3), International Business 429 (3), International Business 439 (3), International Business 449 (3), International Business 459 (3), or International Business 469 (3); and International Business 489 (0)

Formerly:

Three courses from International Business 409, 419, 429, 439, 449, or 459; and International Business 489.

REVISE INTERNATIONAL BUSINESS DUAL CONCENTRATION

For the following majors with an International Business dual concentration option – Economics, Finance, Human Resource Management, Logistics, Management, Marketing, and Statistics – add IB 469 as a course option:

Any four courses chosen from: International Business 409 (3), International Business 419 (3), International Business 429 (3), International Business 439 (3), International Business 449 (3), International Business 459 (3), or International Business 469 (3); and International Business 489 (0)

Formerly:

Any four courses chosen from: International Business 409, 419, 429, 439, 449, or 459.

DEPARTMENT OF FINANCE**◆ ADD ENTREPRENEURSHIP COLLATERAL OPTION TO FINANCE MAJOR**

On page 126 of the 2008-2009 *Undergraduate Catalog*, revise the Finance Collateral Options to add a collateral in Entrepreneurship:

Entrepreneurship – Management 331, 350, 451.

DEPARTMENT OF MANAGEMENT

◆ DROP ENTERPRISE MANAGEMENT MAJOR

REVISE HUMAN RESOURCE MANAGEMENT MAJOR—COLLATERAL OPTION AND ADD TWO COLLATERALS

Major Courses:

Management 331 Leadership Skills
Human Resource Management 360 Managing Human Resources
Human Resource Management 370 Acquiring Talent
Human Resource Management 480 Growing Talent
Human Resource Management 485 Retaining Talent

Collateral Options:

- ◆ Entrepreneurship – Management 350, 451, 460.
Information Management – Information Management 341, 342, and either 442 or 443.
International Business – Three courses from International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489.
- ◆ Marketing – Marketing 340, 350, 360.

REVISE HUMAN RESOURCE MANAGEMENT MAJOR—DUAL CONCENTRATION

Major Courses:

Human Resource Management 360 Managing Human Resources
Human Resource Management 370 Acquiring Talent
Human Resource Management 480 Growing Talent
Human Resource Management 485 Retaining Talent
Four courses from International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489

◆ ADD MANAGEMENT MAJOR—AND COLLATERAL OPTIONS

Major Courses:

Management 331 Leadership Skills
Management 336 Foundations of Organizational Behavior
Human Resource Management 360 Managing Human Resources
Management 430 Negotiation Skills
Management 435 Solving Complex Business Problems

Collateral Options:

Entrepreneurship – Management 350, 451, 460
Information Management – Information Management 341, 342, and either 442 or 443
International Business – Three courses from International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489
Marketing – Marketing 340, 350, 360
Operations and Management Science – Operations and Management Science 341, 441, and either 410 or 421
Resource Management – Accounting 301, 321; Finance 425

◆ ADD MANAGEMENT MAJOR—DUAL CONCENTRATION WITH INTERNATIONAL BUSINESS

Major Courses:

Management 331 Leadership Skills
Management 336 Foundations of Organizational Behavior
Human Resource Management 360 Managing Human Resources
Management 430 Negotiation Skills or Management 435 Solving Complex Business Problems
Four courses from International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489

DEPARTMENT OF MARKETING AND LOGISTICS

REVISE LOGISTICS MAJOR—MARKETING COLLATERAL

On page 130 of the 2008-2009 Undergraduate Catalog, revise the Marketing Collateral Option requirements to:
Marketing 340, 350, 360.

Formerly:

MARKETING—Marketing 340, 350; any two of Marketing 452, 456, or 458 (reduce elective hours by one).

REVISE LOGISTICS MAJOR—DUAL CONCENTRATION WITH MARKETING

On page 131 of the 2008-2009 Undergraduate Catalog, revise the Marketing Dual Concentration requirements to: Marketing 340, 350, 360, 460.

Formerly:
Marketing 340, 350, 460; and any two of Marketing 452, 456, or 458.

REVISE MARKETING MAJOR—COLLATERAL OPTION

On page 132 of the 2008-2009 Undergraduate Catalog, revise the Marketing Major Collateral Option requirements to:
Marketing 340
Marketing 350
Marketing 360
Marketing 460
One course from Marketing 462, 466, or 468.

Formerly:
Marketing 340
Marketing 345
Marketing 350
Marketing 460
Two courses from Marketing 452, 456, or 458.

REVISE MARKETING MAJOR—DUAL CONCENTRATION OPTIONS

On pages 132-133 of the 2008-2009 Undergraduate Catalog, revise the Marketing Major requirements (dual concentration options with Information Management, Internal Auditing, International Business, Logistics, and Statistics) to: Marketing 340, 350, 360, 460.

Formerly:
Marketing 340, 350, 460; and any two of Marketing 452, 456, or 458.

DEPARTMENT OF STATISTICS, OPERATIONS, AND MANAGEMENT SCIENCE

REVISE STATISTICS MAJOR—DUAL CONCENTRATION WITH MARKETING

On page 136 of the 2008-2009 Undergraduate Catalog, revise the Marketing Dual Concentration requirements to: Marketing 340, 350, 360, 460.

Formerly:
Marketing 340, 350, 460; and any two of Marketing 452, 456, or 458.

PART III: SHOWCASES

Requirements for the Bachelor of Science in Business Administration • Accounting Major • Collateral Option

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

Third Year

Move Accounting 411 from third year to fourth year

Fourth Year

Add Accounting 411 to fourth year (from third year) 3

Management 402 3

Formerly:
Management 401

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REMOVE FOOTNOTE 6

Formerly:

⁶Students completing the international business collateral will substitute Management 402.

Requirements for the Bachelor of Science in Business Administration • Accounting Major • Dual Concentration with International Business

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

REVISE FOOTNOTE 5

⁵One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁵One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Requirements for the Bachelor of Science in Business Administration • Economics Major • Traditional Option

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:

Management 401

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Requirements for the Bachelor of Science in Business Administration • Economics Major • Collateral Option

Second Year

Written Communication: English 255*, 257* or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:
Management 401

Requirements for the Bachelor of Science in Business Administration • Economics Major • Dual Concentration with International Business

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

REVISE FOOTNOTE 5

⁵One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:
⁵One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REVISE FOOTNOTE 7

⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, 459, or 469.

Formerly:
⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, or 459.

Requirements for the Bachelor of Science in Business Administration • Finance Major • Collateral Option

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:
⁵Management 401

◆ ADD FINANCE COLLATERAL OPTION

Entrepreneurship – Management 331, 350, 451.

REVISE INTERNATIONAL BUSINESS COLLATERAL OPTION

International Business – Three courses from International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489.

Formerly:
International Business – Three courses from International Business 409, 419, 429, 439, 449, or 459; and International Business 489.

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REMOVE FOOTNOTE 5

Formerly:

⁵Students completing the international business collateral will substitute Management 402.

Requirements for the Bachelor of Science in Business Administration • Finance Major • Dual Concentration with Internal Auditing

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Add Accounting 311 to third year (from fourth year)

Move Acc 411 (from third year to fourth year)

Fourth Year

Add Accounting 411 to fourth year (from third year)

Move Accounting 311 (from fourth year to third year)

Management 402 3

Formerly:

Management 401

Requirements for the Bachelor of Science in Business Administration • Finance Major • Dual Concentration with International Business

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Fourth Year

⁴Management 402 3

Formerly:

⁴Management 401

REVISE FOOTNOTE 5

⁵One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁵One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REVISE FOOTNOTE 7

⁷ Any four courses chosen from: International Business 409, 419, 429, 439, 449, 459, or 469.

Formerly:

⁷ Any four courses chosen from: International Business 409, 419, 429, 439, 449, or 459.

Requirements for the Bachelor of Science in Business Administration • Human Resource Management Major • Collateral Option

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Management 331 3

Formerly:

Human Resource Management 330

Human Resource Management 360 3

Formerly:

Human Resource Management 340

Fourth Year

Human Resource Management 370 3

Formerly:

Human Resource Management 350

Human Resource Management 480 3

Formerly:

Human Resource Management 460

Human Resource Management 485 3

Formerly:

Human Resource Management 470

⁵Management 402 3

Formerly:

⁵Management 401

◆ ADD HRM COLLATERAL OPTION

Entrepreneurship – Management 350, 451, 460.

REVISE INTERNATIONAL BUSINESS COLLATERAL OPTION

International Business – Three courses from International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489.

Formerly:

International Business – Three courses from International Business 409, 419, 429, 439, 449, or 459; and International Business 489.

◆ ADD MARKETING COLLATERAL OPTION

Marketing – Marketing 340, 350, 360.

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REMOVE FOOTNOTE 5

Formerly:

⁵Students completing the international business collateral will substitute Management 402.

Requirements for the Bachelor of Science in Business Administration • Human Resource Management Major • Dual Concentration with International Business

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Human Resource Management 360 3

Formerly:

Human Resource Management 330

Human Resource Management 370 3

Formerly:

Human Resource Management 340 or 350

Fourth Year

Human Resource Management 480 3

Formerly:

Human Resource Management 460

Human Resource Management 485 3

Formerly:

Human Resource Management 470

REVISE FOOTNOTE 5

⁵One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁵One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REVISE FOOTNOTE 7

⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, 459, or 469.

Formerly:

⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, or 459.

Requirements for the Bachelor of Science in Business Administration • Logistics Major • Collateral Option

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:

⁵Management 401

REVISE INTERNATIONAL BUSINESS COLLATERAL OPTION

International Business – Three courses from International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489.

Formerly:

International Business – Three courses from International Business 409, 419, 429, 439, 449, or 459; and International Business 489.

REVISE MARKETING COLLATERAL OPTION

Marketing – Marketing 340, 350, 460.

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Requirements for the Bachelor of Science in Business Administration • Logistics Major • Dual Concentration with Information Management

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Add Information Management 342 to third year (from fourth year)..... 3

Move Business Law 301 from third year to fourth year

Fourth Year

Move Information Management 342 from fourth year to third year

Add Business Law 301 to fourth year (from third year)

Management 402 3

Formerly:

Management 401

Requirements for the Bachelor of Science in Business Administration • Logistics Major • Dual Concentration with Internal Auditing

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Move Accounting 411 from third year to fourth year

Add Accounting 311 to third year (from fourth year)

Fourth Year

Move Accounting 311 from fourth year to third year
Add Accounting 411 to fourth year (from third year)

Management 402 3

Formerly:
Management 401

Requirements for the Bachelor of Science in Business Administration • Logistics Major • Dual Concentration with International Business

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

REVISE FOOTNOTE 5

⁵One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:
⁵One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REVISE FOOTNOTE 7

⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, 459, or 469.

Formerly:
⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, or 459.

Requirements for the Bachelor of Science in Business Administration • Logistics Major • Dual Concentration with Marketing

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

Third Year

Add Marketing 350 to third year (from fourth year) 3
Move Business Law 301 from third year to fourth year

Fourth Year

Move Marketing 350 from fourth year to third year
Add Business Law 301 to fourth year (from third year)
Add Marketing 360 3

Remove Marketing Electives

Formerly:
Marketing Electives: 452, 456, or 458 (4)

Management 402 3

Formerly:
Management 401

Electives 7-11

Formerly:
Electives (6-10)

Requirements for the Bachelor of Science in Business Administration • Logistics Major • Dual Concentration with Operations Management

Second Year

Written Communication: English 255*, 257*, or 295* 3
Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3
Formerly:
Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:
Management 401

Requirements for the Bachelor of Science in Business Administration • Logistics Major • Dual Concentration with Statistics

Second Year

Written Communication: English 255*, 257*, or 295* 3
Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3
Formerly:
Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:
Management 401

Requirements for the Bachelor of Science in Business Administration • Management Major • Collateral Option (NEW)

First Year

Hours Credit

^{1,2}Written Communication: English 101*, 102* 6
³Quantitative Reasoning: Math 123*-125* or 141*-142* 6 or 8
Cultures and Civilizations: Intermediate Foreign Language* 6
Natural Sciences* 6 or 8
Social Sciences* 3
Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Second Year

Accounting 200 3
Social Sciences: Economics 201* 4
Written Communication: English 255*, 257*, or 295* 3
Statistics 201 3
Business Administration 201 4
²Arts and Humanities* 6
⁴Non-US History 3
Electives 3

Third Year

Business Administration 331-332 4
Business Administration 341-342 4
Ethics: Philosophy 243, 244, or 443 3
Finance 301 3
Management 331 3
Business Administration 353 3

Business Administration 361	3
Management 336	3
Collateral.....	3
Fourth Year	
Business Law 301.....	3
Human Resource Management 360.....	3
Collateral.....	6
Management 430.....	3
Management 435.....	3
Management 402.....	3
Electives.....	7-11
	Total 120

Management Collateral Options

Entrepreneurship – Management 350, 451, 460.

Information Management – Information Management 341, 342; and either 442 or 443.

International Business – Three courses from: International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489.

Marketing – Marketing 340, 350, 360.

Operations Management – Operations and Management Science 341, 441, and either 410 or 421.

Resource Management – Accounting 301, 321; Finance 425.

*Meets University General Education Requirement.

¹Must be completed by the end of the First Year.

²Students who complete English 118, Honors English Composition, with a grade of A or B will complete their first-year composition requirement by choosing English 102 or a sophomore-level course in the English Department. If the sophomore-level course appears on the list for the Arts and Humanities requirement, the course may also be counted toward the Arts and Humanities requirement.

³Mathematics – Mathematics 125 or 141 are prerequisites for Statistics 201, which is taken during the second semester of the Second Year. As a result, either Mathematics 125 or 141 must be completed by the end of the first semester of the Second Year. Students testing into Mathematics 100 or 119 must complete these courses during their First Year to ensure that Mathematics 125 or 141 can be completed during the first semester of the Second Year. Students who have not completed Mathematics 125 by the end of their First Year should take Mathematics 125 in the first semester of their Second Year, prior to taking Mathematics 123.

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Requirements for the Bachelor of Science in Business Administration • Management Major • Dual Concentration with International Business (NEW)

	Hours Credit
First Year	
^{1,2} Written Communication: English 101*, 102*.....	6
³ Quantitative Reasoning: Math 123*-125* or 141*-142*	6 or 8
Cultures and Civilizations: Intermediate Foreign Language*.....	6
Natural Sciences*	6 or 8
Social Sciences*	3
Oral Communication: Communication Studies 210*, 217*, 240*, or 247*	3
Second Year	
⁴ Accounting 200	3
Social Sciences: Economics 201*	4
Written Communication: English 255*, 257*, or 295*	3
⁴ Statistics 201	3
⁴ Business Administration 201	4
² Arts and Humanities*.....	6
⁵ Non-US History.....	3
⁶ Electives	3
Third Year	
Business Administration 331-332	4
Business Administration 341-342	4
Ethics: Philosophy 243, 244, or 443	3
⁴ Finance 301	3
Management 331	3
⁴ Business Administration 353	3
Business Administration 361	3
Management 336.....	3

Human Resource Management 360	3
International Business 489	0
Fourth Year	
Business Law 301	3
⁷ International Business	12
Management 430 or 435	3
⁴ Management 402	3
⁶ Electives	7-11
	Total 120

*Meets University General Education Requirement.

¹Must be completed by the end of the First Year.

²Students who complete English 118, Honors English Composition, with a grade of A or B will complete their first-year composition requirement by choosing English 102 or a sophomore-level course in the English Department. If the sophomore-level course appears on the list for the Arts and Humanities requirement, the course may also be counted toward the Arts and Humanities requirement.

³Mathematics – Mathematics 125 or 141 are prerequisites for Statistics 201, which is taken during the second semester of the Second Year. As a result, either Mathematics 125 or 141 must be completed by the end of the first semester of the Second Year. Students testing into Mathematics 100 or 119 must complete these courses during their First Year to ensure that Mathematics 125 or 141 can be completed during the first semester of the Second Year. Students who have not completed Mathematics 125 by the end of their First Year should take Mathematics 125 in the first semester of their Second Year, prior to taking Mathematics 123.

⁴Students admitted to the Global Leadership Scholars Program will complete the honors versions of these courses: Accounting 207, Economics 207, Business Administration 207, Statistics 207, Finance 307, Business Administration 357, and Management 407.

⁵One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

⁶Students admitted to the Global Leadership Scholars Program will fulfill 10 hours of electives with the following courses: Business Administration 217, 317, 417, 427, and 497.

⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, 459, or 469.

Requirements for the Bachelor of Science in Business Administration • Marketing Major • Collateral Option

Second Year

Written Communication: English 255*, 257*, or 295* 3
 Formerly:
 Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3
 Formerly:
 Oral Communication: Communication Studies 210* or 240*

Third Year

Add Marketing 350 to third year (from fourth year)
 Move Business Law 301 (from third year to fourth year)
 Remove Marketing 345 (2)

Fourth Year

Move Marketing 350 (from fourth year to third year)
 Add Business Law 301 to fourth year (from third year)
 Add Marketing 360 3

Marketing Elective: Marketing 462, 466, or 468 3
 Formerly:
 Marketing Electives: Marketing 452, 456, or 458 (4)

Management 402 3
 Formerly:
⁵Management 401

REVISE INTERNATIONAL BUSINESS COLLATERAL OPTION

International Business – Three courses from International Business 409, 419, 429, 439, 449, 459, or 469; and International Business 489.

Formerly:

International Business – Three courses from International Business 409, 419, 429, 439, 449, or 459; and International Business 489.

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REMOVE FOOTNOTE 5

Formerly:

⁵Students completing the international business collateral will substitute Management 402.

Requirements for the Bachelor of Science in Business Administration • Marketing Major • Dual Concentration with Information Management

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Add Marketing 350 to third year (from fourth year)

Move Business Law 301 (from third year to fourth year)

Fourth Year

Move Marketing 350 (from fourth year to third year)

Add Business Law 301 to fourth year (from third year)

Add Marketing 360..... 3

Remove Marketing Electives

Formerly:

Marketing Electives: Marketing 452, 456, or 458 (4)

Management 402 3

Formerly:

Management 401

Electives 7-11

Formerly:

Electives (6-10)

Requirements for the Bachelor of Science in Business Administration • Marketing Major • Dual Concentration with Internal Auditing

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Add Marketing 350 to third year (from fourth year)

Move Accounting 411 (from third year to fourth year)

Fourth Year

Move Marketing 350 (from fourth year to third year)

Add Accounting 411 to fourth year (from third year)

Add Marketing 360..... 3

Remove Marketing Electives

Formerly:
Marketing Electives: Marketing 452, 456, or 458 (4)

Management 402 3

Formerly:
Management 401

Electives 7-11

Formerly:
Electives (6-10)

Requirements for the Bachelor of Science in Business Administration • Marketing Major • Dual Concentration with International Business

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

Third Year

Add Marketing 350 to third year (from fourth year)
Remove Electives (3)

Fourth Year

Move Marketing 350 (from fourth year to third year)
Add Marketing 360..... 3

Remove Marketing electives

Formerly:
Marketing Electives: Marketing 452, 456, or 458 (4)

⁶Electives 7-11

Formerly:
Electives (3-7)

REVISE FOOTNOTE 5

⁵One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:
⁵One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REVISE FOOTNOTE 7

⁷ Any four courses chosen from: International Business 409, 419, 429, 439, 449, 459, or 469.

Formerly:
⁷ Any four courses chosen from: International Business 409, 419, 429, 439, 449, or 459.

Requirements for the Bachelor of Science in Business Administration • Marketing Major • Dual Concentration with Logistics

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Add Marketing 350 to third year (from fourth year)
 Move Business Law 301 (from third year to fourth year)

Fourth Year

Move Marketing 350 (from fourth year to third year)
 Add Business Law 301 to fourth year (from third year)
 Add Marketing 360..... 3
 Remove Marketing Electives

Formerly:
 Marketing Electives: Marketing 452, 456, or 458 (4)

Management 402 3
 Formerly:
 Management 401

Electives 7-11
 Formerly:
 Electives (6-10)

Requirements for the Bachelor of Science in Business Administration • Marketing Major • Dual Concentration with Statistics

Second Year

Written Communication: English 255*, 257*, or 295* 3
 Formerly:
 Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3
 Formerly:
 Oral Communication: Communication Studies 210* or 240*

Third Year

Add Marketing 350 to third year (from fourth year)
 Move Business Law 301 (from third year to fourth year)

Fourth Year

Move Marketing 350 (from fourth year to third year)
 Add Business Law 301 to fourth year (from third year)
 Add Marketing 360..... 3
 Remove Marketing Electives

Formerly:
 Marketing Electives: Marketing 452, 456, or 458 (4)

Management 402 3
 Formerly:
 Management 401

Electives 7-11
 Formerly:
 Electives (6-10)

Requirements for the Bachelor of Science in Business Administration • Public Administration Major

Second Year

Written Communication: English 255*, 257*, or 295* 3
 Formerly:
 Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3
 Formerly:

Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:
Management 401

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:
⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Requirements for the Bachelor of Science in Business Administration • Statistics Major • Collateral Option

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

Third Year

Move Collateral (3) (from third year to fourth year)

Fourth Year

Add Collateral (3) to fourth year (from third year)

Management 402 3

Formerly:
Management 401

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:
⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Requirements for the Bachelor of Science in Business Administration • Statistics Major • Dual Concentration with Internal Auditing

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

Third Year

Move Accounting 311 (from third year to fourth year)

Fourth Year

Add Accounting 311 to fourth year (from third year)

Management 402 3

Formerly:
Management 401

Requirements for the Bachelor of Science in Business Administration • Statistics Major • Dual Concentration with International Business

Second Year

Written Communication: English 255* or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

REVISE FOOTNOTE 5

⁵One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:

⁵One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

REVISE FOOTNOTE 7

⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, 459, or 469.

Formerly:

⁷Any four courses chosen from: International Business 409, 419, 429, 439, 449, or 459.

Requirements for the Bachelor of Science in Business Administration • Statistics Major • Dual Concentration with Logistics

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:

Management 401

Requirements for the Bachelor of Science in Business Administration • Statistics Major • Dual Concentration with Marketing

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:

Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:

Oral Communication: Communication Studies 210* or 240*

Third Year

Add Marketing 350 to third year (from fourth year)

Move Business Law 301 (from third year to fourth year)

Fourth Year

Move Marketing 350 (from fourth year to third year)

Add Business Law 301 to fourth year (from third year)

Add Marketing 360 3

Remove Marketing Electives

Formerly:
Marketing Electives: Marketing 452, 456, or 458 (4)

Management 402 3

Formerly:
Management 401

Electives 7-11

Formerly:
Electives (6-10)

Requirements for Fifth Year Master of Science in Statistics

Second Year

Written Communication: English 255*, 257*, or 295* 3

Formerly:
Written Communication: English 255*, 295*, or 355*

Oral Communication: Communication Studies 210*, 217*, 240*, or 247* 3

Formerly:
Oral Communication: Communication Studies 210* or 240*

Fourth Year

Management 402 3

Formerly:
Management 401

REVISE FOOTNOTE 4

⁴One course from: Africana Studies 235, 236; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

Formerly:
⁴One course from: Africana Studies 235, 236; Asian Studies 101, 102; History 241, 242, 247, 248, 255, 256, 261, 262; Latin American Studies 251, 252; Medieval Studies 201, 202.

COLLEGE OF COMMUNICATION AND INFORMATION

All changes effective Fall 2009

I. COURSE CHANGES**SCHOOL OF ADVERTISING AND PUBLIC RELATIONS****(012) (ADVT) Advertising**

REVISE TO CROSS-LIST (PRIMARY COURSE) AND REVISE (RE) PREREQUISITE(S)

310 Advertising and Public Relations Design (3) *(Same as Public Relations 310.)**(RE) Prerequisite(s): 250 or Public Relations 270.*

Formerly: (RE) Prerequisite(s): 250.

REVISE PRIMARY COURSE TO ADD CROSS-LISTING, REVISE COURSE TITLE AND DESCRIPTION, REMOVE (RE) PREREQUISITES, ADD (DE) PREREQUISITES

340 Advertising and Public Relations Research Methods (3) Secondary data and primary research techniques for advertising and public relations decisions. *(Same as Public Relations 340.)**(DE) Prerequisite(s): 250 or Public Relations 270 and Statistics 201.*

Formerly: Advertising Research Methods (3) Secondary data and primary research techniques for advertising decisions.

*(RE) Prerequisite(s): 250 and Statistics 201***(841) (PBRL) Public Relations**

ADD SECONDARY CROSS-LISTED COURSES

310 Advertising and Public Relations Design (3) *(See Advertising 310.)***340 Advertising and Public Relations Research Methods (3)** *(See Advertising 340.)*

REVISE (RE) PREREQUISITES

470 Public Relations Campaigns (3)*(RE) Prerequisite(s): 370 and Advertising 250.***SCHOOL OF COMMUNICATION STUDIES****(250) (CMST) Communication Studies**

ADD (HONORS VERSION OF 210)

217 Honors: Public Speaking (3)** Basic theory and principles of informative and persuasive public speaking. **(OC)Comment(s): ACT composite score above 30 or SAT composite score above 1300.*

ADD (HONORS VERSION OF 240)

247 Honors: Business and Professional Communication (3)** Basic theory and principles of effective workplace communication. **(OC)Comment(s): ACT composite score above 30 or SAT composite score above 1300.***SCHOOL OF JOURNALISM AND ELECTRONIC MEDIA****(592) (JREM) Journalism and Electronic Media**

ADD

410 Media Ethics (3) Case studies of ethical issues in print, electronic, and online communication. Definitions of "good" and "ethical" communication—including image acquisition and presentation—in a democratic society. Study of the information/entertainment dilemma while investigating decision-making frameworks and standards for mass communication professionals.

REVISE COURSE TITLE AND DESCRIPTION

470 Cable, Multichannel, and Interactive Media (3) History, structure, and operations of cable television and other multichannel delivery systems (DBS, etc.). Development of digital interactive media as delivery systems (broadband Internet, cellular, WiFi, etc.) and their operations, potential as new media, and impact on media, audiences, and society. Economic, regulatory policy, programming, and management issues arising from the emergence of multiple delivery systems.

Formerly: Cable, Broadband, and Interactive Digital Media (3) History and structure of cable television and other broadband delivery systems (DBS, Internet, etc.). Development of digital broadcasting, interactive television, and other broadband media systems and digital technologies. Regulatory, policy, programming, and management issues arising from new media and digital technologies.

REVISE (RE) PREREQUISITE(S)

420 (3) Media Sales

(RE) Prerequisite(s): 320.

Formerly: (RE) Prerequisite(s): 302 and 320.

II. PROGRAM CHANGES

SCHOOL OF ADVERTISING AND PUBLIC RELATIONS

REVISE ADVERTISING MAJOR (FOURTH YEAR); REVISE FOOTNOTES 4, 5, 6; ADD FOOTNOTE 7

On page 138 of the 2008-2009 Undergraduate Catalog, revise to

	Hours Credit
Fourth Year	
Psychology 360.....	3
Advertising 450	3
Advertising 470	3
Advertising 480	3
⁶ College Elective.....	3
⁵ Arts and Sciences Electives	6
⁷ General Electives	3-4

⁴ English Literature Electives – English 201 or 207, 202 or 208, 206, 221, 222, 225, 226, 231 or 237, 232 or 238, 233, 251, 252, 253, 254.

⁵ Any course from the College of Arts and Sciences not currently required.

⁶ One course (3 hours) from advertising, communication studies, information sciences, journalism and electronic media, or public relations. Journalism and Electronic Media 201 will not satisfy this requirement.

⁷ Any course not taught in advertising, journalism and electronic media, or public relations.

NOTE: Students must meet the University General Education Requirement for Communicating through Writing by selecting a course with a (WC) designation. This course may be from the major or from another discipline.

REVISE PUBLIC RELATIONS MAJOR (THIRD AND FOURTH YEARS); REVISE FOOTNOTES 4, 6; ADD FOOTNOTE 7

On page 139 of the 2008-2009 Undergraduate Catalog, revise to

	Hours Credit
Third Year	
Business Administration 201	4
Psychology 110*	3
Journalism and Electronic Media 333.....	3
Public Relations 310	3
Public Relations 340	3
Public Relations 320	3
Public Relations 370	3
Public Relations 380	1
Communication Studies 240*.....	3
Marketing 300	3
⁵ Arts and Sciences Elective	3
Fourth Year	
Psychology 360.....	3
Public Relations 470	3
Communication Studies 440 or Psychology 440	3
⁶ College Elective.....	3
Journalism and Electronic Media 400.....	3

⁵Arts and Sciences Electives 9
⁷General Elective 0-1

⁴ English Literature Electives – English 201 or 207, 202 or 208, 206, 221, 222, 225, 226, 231 or 237, 232 or 238, 233, 251, 252, 253, 254.

⁵Any course from the College of Arts and Sciences not currently required.

⁶ One course (3 hours) from advertising, communication studies, information sciences, journalism and electronic media, or public relations. Journalism and Electronic Media 201 will not satisfy this requirement.

⁷ Any course not taught in advertising, journalism and electronic media, or public relations.

SCHOOL OF COMMUNICATION STUDIES

REVISE HONORS PROGRAM IN COMMUNICATION STUDIES

On page 140 of the 2008-2009 *Undergraduate Catalog* under HONORS PROGRAM IN COMMUNICATION STUDIES, revise paragraph 1, 2nd sentence to

All students must complete the college prerequisite course, Communication and Information 150; and Communication Studies 207, 210/217 or 240/247, 250 or 270, 340 and 350.

Formerly: All students must complete the college prerequisite course, Communication and Information 150; and Communication Studies 207, 210 or 240, 250 or 270, 340 and 350.

REVISE COMMUNICATION STUDIES MAJOR - FOOTNOTE 9

On page 140 of the 2008-2009 *Undergraduate Catalog*, revise to

⁹ Three courses (9 hours) from advertising, information sciences, journalism and electronic media, or public relations. These courses must come from at least two different areas of study. Journalism and Electronic Media 201 will not satisfy this requirement.

Formerly: Three courses (9 hours) from advertising, information sciences, journalism and electronic media, or public relations. These courses must come from at least two different areas of study.

SCHOOL OF JOURNALISM AND ELECTRONIC MEDIA

REVISE JOURNALISM AND ELECTRONIC MEDIA MAJOR (FOURTH YEAR) AND FOOTNOTES 3, 4, 5, 9, 11.

On page 141 of the 2008-2009 *Undergraduate Catalog*, revise to

Fourth Year	Hours Credit
¹¹ College Elective	3

Formerly: Communication and Information Elective.....3

³ Two courses from Mathematics 113 or 117, 115, 123, 125, 141 or 147, 142 or 148, 151, 152; Statistics 201 or 207.

Formerly: Two courses from Mathematics 113 or 117, 115, 123, 125, 141 or 147, 142 or 148, 151, 152..

⁴ Two courses from Africana Studies 235, 236; Anthropology 120; History 241, 242, 255, 256, 261, 262; Medieval Studies 201, 202.

Formerly: Two courses from Africana Studies 235, 236; Anthropology 120; Asian Studies 101, 102; History 241, 242, 255, 256, 261, 262; Medieval Studies 201, 202..

⁵ English Literature Electives – English 201 or 207, 202 or 208, 206, 221, 222, 225, 226, 231 or 237, 232 or 238, 233, 251, 252, 253, 254.

Formerly: English Literature Electives – English 201 or 207, 202 or 208, 206, 221, 222, 231 or 237, 232 or 238, 233, 251, 252, 253, 254.

⁹ Any Political Science course 300-level or above.

Formerly: Political Science 315, 320, 321.

¹¹ One course (3 hours) from advertising, communication studies, information sciences, journalism and electronic media, or public relations. Journalism and Electronic Media 201 will not satisfy this requirement.

Formerly: Any course within the College of Communication and Information (including journalism and electronic media courses).

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SCIENCES

All changes effective Fall 2009

I. COURSE CHANGES**DEPARTMENT OF CHILD AND FAMILY STUDIES****(245) (CFS) Child and Family Studies**

REVISE TO ADD REGISTRATION RESTRICTION

*** 210 Human Development (3) (SS)***Registration Restriction(s): Non-child and family studies majors only.*

Formerly: no registration restrictions

REVISE (RE) PREREQUISITE(S)

395 Introduction to Research Methods and Statistics (3)*(RE) Prerequisite(s): 220.*

Formerly: 210 and 220

*** 405 Development of Professional Skills (3) (OC) (WC)***(RE) Prerequisite(s): 220.*

Formerly: 210 and 220.

422 Early Childhood Teaching Methods (6)*(RE) Prerequisite(s): 351.*

Formerly: 351 and 470.

DEPARTMENT OF EXERCISE, SPORT, AND LEISURE STUDIES**(957) (SPMG) Sport Management**

CORRECT DESCRIPTION FOR SPMG 420 (SEE MINUTES PAGE U1439, SEPTEMBER 16, 2008)

420 Intercollegiate Athletics (3) An overview of all levels of intercollegiate athletics and issues associated with intercollegiate athletics.

Formerly:

420 Intercollegiate Athletics (3) An overview of all levels of intercollegiate collegiate athletics and issues associated with intercollegiate collegiate athletics.

DEPARTMENT OF NUTRITION**(726) (NUTR) Nutrition**

ADD

422 Nutrition Counseling (2) Introduction of individual and group-based counseling skills for aiding change in eating habits, including assessment for intervention development, and evaluation to determine intervention effectiveness. Course aims to help students begin to cultivate a professional perspective in dealing with professional ethics as applied to the field of dietetics.**423 Nutrition Counseling Application (1)** Skill development in dietary data collection and analysis, interviewing and counseling techniques through application of these skills within a classroom setting.

REVISE TITLE, DESCRIPTION, AND CREDIT HOURS

420 Interpreting Current Nutrition Research (3) Scientific method, study design, data interpretation, and critical evaluation of current nutrition literature.

Formerly: Food and Nutritional Analysis (4) Principles, procedures, and instrumentation for analysis of food and body fluids. Interpretation of chemical, dietary, and anthropometric data analysis in nutrition research.

DEPARTMENT OF RETAIL, HOSPITALITY, AND TOURISM MANAGEMENT**(865) (RCS) Retail and Consumer Sciences**

ADD

441 Experiential Retailing (3) Explore experiential retailing of tangible and intangible products, services and experiences that encompass utilitarian and hedonic consumption. Apply strategies for planning, developing, and presenting products or services to consumers using experiential components of the retail industry to create a total consumer experience.

(RE) Prerequisite(s): 341.

DROP

482 Professional Experience in Retailing II (6)

REVISE TITLE AND DESCRIPTION

320 Product Development (3) Concepts of product development from the retailer's perspective, including brand management to develop products for target markets. Understanding of basic textile and design principles, specification writing, and line building for apparel products.

Formerly: Apparel Product Development (3) Concepts of apparel product development from the retailer's perspective.

Understanding of basic textile and design principles, specification writing, line building, and brand management to develop apparel products for target markets.

REVISE (RE) PREREQUISITE(S)

410 Strategic Retail Planning (3)

(RE) Prerequisite(s): 346 and 422.

Formerly: 376 and 422.

REVISE (RE) PREREQUISITE(S) AND REMOVE (DE) PREREQUISITE(S)

376 Strategies for Growth (3)

(RE) Prerequisite(s): 310 and 341.

Formerly: (RE) Prerequisites: 310 and Marketing 300

(DE) Prerequisite(s). 341.

411 Entrepreneurship and Small Business Management (3)

(RE) Prerequisite(s): 346 and Finance 300.

Formerly: (RE) Prerequisite(s): 210 and Marketing 300.

(DE) Prerequisite(s): 341 and Accounting 200.

412 e-Retailing (3)

(RE) Prerequisite(s): 341.

Formerly: (RE) Prerequisite(s): 210 and 341.

(DE) Prerequisite(s): Marketing 300.

415 Retail Promotion (3)

(RE) Prerequisite(s): 341 and Marketing 300.

Formerly: (RE) Prerequisite(s): 210 and 341.

(DE) Prerequisite(s): Marketing 300.

421 International Retailing (3)

(RE) Prerequisite(s): 341.

Formerly: (RE) Prerequisite(s): 210 and 341.

(DE) Prerequisite(s): Marketing 300.

REVISE TO ADD (RE) PREREQUISITE(S) AND REMOVE RECOMMENDED BACKGROUND

484 International Retail Industry Study Tour (3)

(RE) Prerequisite(s): 341.

Formerly: Recommended Background: 210.

DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION**(394) (FLED) Foreign Language/ESL Education**

ADD

489 Content-Based ESL Methods (3) This course focuses on designing and implementing content-based ESL instruction to enhance English language learners' academic achievement. Required for Tennessee (K-12) licensure.

Comment(s): Requires admission to teacher education or consent of instructor.

Equivalency Table

(394) Current course	(394) Equivalent course Fall 2009
588	489

(932) (SPED) Special Education

REVISE TITLE

430 Applied Behavior Analysis in School Settings (3)

Formerly: Practicum in Applied Behavior Analysis (3)

456 Effective Instruction of Students with Learning Disabilities and Other High Incidence Disabilities (3)

Formerly: Speech and Language Basis of Learning Disabilities and other High Incidence Disabilities (3)

II. PROGRAM CHANGES**ADD REQUIREMENTS FOR SERVICE LEARNING HONORS PROGRAM**

In the 2008-2009 *Undergraduate Catalog*, add the Service Learning Honors Program to page 144 (after "Progression to a Major, Concentration, or Program" and before "Advising").

Service Learning Honors Program

The College of Education, Health and Human Sciences provides a unique opportunity for its best and brightest students to use classroom learning in solving real world problems. Through the college's honors program in service learning, students have an opportunity to apply knowledge and skills specific to their academic majors to their work with individuals and/or groups in the community.

Admission to the College of Education, Health and Human Sciences' Service Learning Honors Program is competitive and applicants should be aware that meeting the minimum admission criteria does not assure entry into the program. In addition to fulfillment of the minimum requirements shown below, applicants should note that an individual's personal objectives, type of field setting desired, availability of adequate faculty supervision, as well as total number of applicants are determinants in the selection process. Applicants should also note that participation in this particular honors program does not preclude participation in other honors programs.

Admission Requirements

- Admitted or applicant to one of the college's undergraduate majors.
- Attainment of a minimum cumulative 3.25 GPA (based on the completion of at least 15 semester credit hours).
- Submission of a Service Learning Honors Program application.
- Personal interview with honors steering committee and coordinator/director.

Program Requirements

Students enrolled in the college's Service Learning Honors Program will earn a minimum of 12 credit hours in the following:

- Two lower-division honors courses. Examples include but are not limited to Psychology 117; Sociology 127; Spanish 217, 218; University Honors 257, 267, 277, 287. It is also possible to satisfy this requirement through lower-division honors course work in the major and/or through *Honors-by-Contract.
- University Honors 337 (3) (Section Topic - Honors: Service Learning)
- One upper-division 3 credit hour honors course in the student's academic major (e.g., Child and Family Studies 497, Exercise Science 497, Retail and Consumer Sciences 497, etc.) through which the student will develop and present a capstone project at the university's annual Exhibition of Undergraduate Research and Creative Achievement or at an approved similar professional venue. This requirement may be met through *Honors-by-Contract.

**Honors-by-Contract requires completion of a written contract delineating additional effort and is submitted to the College's honors coordinator/director by the third week of the semester.*

Program Completion

Students who successfully complete the above program requirements and maintain a minimum cumulative 3.25 GPA will be recognized during commencement and have their participation in the Service Learning Honors Program so noted on their official transcript.

Further Information

Students interested in further information regarding the College of Education, Health and Human Sciences' Service Learning Honors Program should contact the following faculty members in their respective majors.

Child and Family Studies - Dr. Sandra Twardosz - stwardos@utk.edu or Tel. 974-6274

Exercise Science – Dr. Dawn Coe – dcoe@utk.edu or Tel. 974-0294

Sport Management – Dr. Rob Hardin - robh@utk.edu or Tel. 974-1281

DEPARTMENT OF CHILD AND FAMILY STUDIES

ADD LINK IN 2009-2010 ONLINE CATALOG TO REQUIREMENTS FOR THE SERVICE LEARNING HONORS PROGRAM FOR CHILD AND FAMILY STUDIES MAJORS

Service Learning Honors Program

Child and Family Studies majors have the opportunity to participate in the college's Service Learning Honors Program. For eligibility and requirements, see [\(link\)](#).

REVISE ADVANCED CHILD DEVELOPMENT, CHILD AND FAMILY DIVERSITY, CHILDREN AND FAMILIES, EARLY DEVELOPMENT AND LEARNING (PREK-K), EARLY CHILDHOOD EDUCATION TEACHER LICENSURE (PREK-3), FAMILY AND COMMUNITY SERVICES, HEALTH AND WELLNESS, AND WOMEN AND FAMILIES SPECIALTY AREAS - CHILD AND FAMILY STUDIES MAJOR

Advanced Child Development

Audiology and Speech Pathology 320; Child and Family Studies 485; Education of the Deaf and Hard of Hearing 425; Educational Psychology 431; Psychology 310, 320, 360, 400, 470, 475; Sociology 370; Special Education 470.

Child and Family Diversity

Africana Studies 201, 202, 429, 473, 480, 484; Anthropology 130, 312, 410, 413; Sociology 340, 343.

Children and Families at Risk

Health 406, 430, 435; Psychology 330; Recreation and Leisure Studies 320; Sociology 340, 351, 352; Special Education 470.

Early Development and Learning (PreK-K) (all courses are required)

Audiology and Speech Pathology 320; Child and Family Studies 106, 350, 353, 423; Educational Psychology 401; Special Education 402, 410, 471; Theory and Practice in Teacher Education 486.

Early Childhood Education Teacher Licensure (PreK-3) (all courses are required)

Child and Family Studies 106, 350, 351, 353, 422; Educational Psychology 401; Elementary Education 445; Information Sciences 330; Theory and Practice in Teacher Education 486; Reading Education 430; Special Education 402.

Family and Community Services

Communication Studies 210, 440; Educational Psychology 460; Political Science 446; Psychology 424; Social Work 200, 250; Sociology 110.

Health and Wellness

Communication Studies 425; Health 330, 375, 400, 425; Philosophy 246; Psychology 430; Public Health 300, 305; University Studies 311.

Women and Families

Africana Studies 484; Health 425; History 453; Religious Studies 320; Women's Studies 220, 360, 382; Women's Studies/Psychology 434.

DEPARTMENT OF EXERCISE, SPORT AND LEISURE STUDIES

ADD LINK IN 2009-2010 ONLINE CATALOG TO REQUIREMENTS FOR THE SERVICE LEARNING HONORS PROGRAM FOR EXERCISE SCIENCE MAJORS

Service Learning Honors Program

Exercise science majors have the opportunity to participate in the college's service learning honors program through this concentration. For eligibility and requirements, see [\(link\)](#).

ADD LINK IN 2009-2010 ONLINE CATALOG TO REQUIREMENTS FOR THE SERVICE LEARNING HONORS PROGRAM FOR SPORT MANAGEMENT MAJORS

Service Learning Honors Program

Sport management majors have the opportunity to participate in the college's Service Learning Honors Program. For eligibility and requirements, see [\(link\)](#).

◆ DROP DANCE MINOR

REVISE EXERCISE SCIENCE MAJOR (THIRD YEAR AND FOOTNOTE 4)

Third Year

Sport Studies Electives (Sport Studies 231, 290, 335, 336, or 490)..... 6

Formerly:
Sport Studies 2903
Sport Studies 231, 335, or 336.....3

⁴Select any course not already required for the major.

Formerly:
⁴ See advisor for requirements for general electives.

REVISE RECREATION AND LEISURE STUDIES MAJOR - RECREATION AND LEISURE ADMINISTRATION CONCENTRATION (THIRD YEAR)

Third Year

Finance 300 3

Formerly: Finance 3013

REVISE SPORT MANAGEMENT MAJOR (THIRD AND FOURTH YEAR)

Third Year

Finance 300 3

Formerly: Finance 3013

Fourth Year

Choose 5 (at least three must be sport management courses) from
Sport Management 330², 340², 360², 370², 380², 420², 440², 450², 460²;
Recreation and Leisure Studies 410, 415, 430, 440; Sport Studies 336, 380, 490.....15

Formerly: Choose 5 from
Sport Management 330², 340², 360², 370², 380², 440², 450², 460²;
Recreation and Leisure Studies 415², 440²; Sport Studies 336.....15

DEPARTMENT OF NUTRITION

◆ DROP ADOLESCENT HEALTH MINOR

◆ DROP COMMUNITY HEALTH EDUCATION MINOR

REVISE NUTRITION MAJOR (FOURTH YEAR)

Fourth Year

Electives..... 4

Formerly: Electives.....6

Nutrition 303, 410, 412*, 415, 416, 420, 422, 423 19

Formerly: Nutrition 301, 410, 412*, 415, 416, 420.....17

DEPARTMENT OF RETAIL, HOSPITALITY, AND TOURISM MANAGEMENT

REVISE HOTEL, RESTAURANT, AND TOURISM MAJOR (FOURTH YEAR)

Fourth Year

Finance 300 3

Formerly: Finance 3013

REVISE RETAIL AND CONSUMER SCIENCES MAJOR (FOURTH YEAR)

Fourth Year

Finance 300 3

Formerly: Finance 3013

REVISE RESTAURANT AND FOODSERVICE MANAGEMENT MINOR

Minor in Restaurant and Foodservice Management

Required courses

Hours Credit

Hotel, Restaurant and Tourism 101, 210, 341, 445..... 10

Six hours of Hotel, Restaurant and Tourism Electives 6

Total 16

DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION

◆ ADD COMMUNICATION DISORDERS CONCENTRATION TO THE SPECIAL EDUCATION MAJOR

Requirements for the Bachelor of Science in Education • Special Education Major • Communication Disorders Concentration

First Year

Hours Credit

English 101*, 102* 6

Arts and Humanities Elective* 3

Social Sciences Elective* 3

¹Natural Sciences Electives* 7-8

Elective 3

²Physical Science Elective..... 3

Quantitative Reasoning Electives* 6

Second Year

Communication Studies 210* or 240* 3

³Communicating through Writing (WC) Elective* 3

Elective 3

History 241*, 242* 6

Arts and Humanities Elective* 3

Social Sciences Elective* 3

Audiology and Speech Pathology 300 3

Cultures and Civilizations Electives* 6

Third Year

Educational Psychology 210 3

Audiology and Speech Pathology 305 3

Audiology and Speech Pathology 320 3

Audiology and Speech Pathology 302 3

Audiology and Speech Pathology 303 3

Audiology and Speech Pathology 473 3

Audiology and Speech Pathology 306 3

Linguistics 200 3

Electives 6

Fourth Year

Audiology and Speech Pathology 461 3

Audiology and Speech Pathology 475 3

Education of the Deaf and Hard of Hearing 425 3

Audiology and Speech Pathology 494 3

Audiology and Speech Pathology 431 3

Audiology and Speech Pathology 435 3

Audiology and Speech Pathology 433 1

Electives 10

Total 120-121

* Meets University General Education Requirement

¹ Select two courses from the Natural Science list – University General Education Requirement. At least one of the courses must have a lab.

²Astronomy 151, 152, 161, 162, 217, 218; Chemistry 100, 110, 120, 130, 128, 138; Geography 131, 132; Geology 101, 102, 103, 107, 108, 201, 202, 203, 205, 207, 208; Physics 101, 102, 135, 136, 137, 138, 161, 221, 222, 231, 232. At least one of the courses must have a laboratory.

³ Any course with a (WC) designation satisfies this requirement.

REVISE ART EDUCATION MAJOR

Theory and Practice in Teacher Education 486..... 3

Formerly: Instructional Technology 486.....3

REVISE SPECIAL EDUCATION MAJOR - EDUCATIONAL INTERPRETING CONCENTRATION (THIRD YEAR)

Third Year

Theory and Practice in Teacher Education 486..... 3

Formerly: Instructional Technology 486.....3.

REVISE SPECIAL EDUCATION MAJOR - EDUCATION OF THE DEAF AND HARD OF HEARING CONCENTRATION

Requirements for the Bachelor of Science in Education • Special Education Major • Education of the Deaf and Hard of Hearing Concentration

First Year	Hours Credit
Arts and Humanities Elective*.....	3
Cultures and Civilizations Electives* (non-US history)	6
English 101*, 102*	6
General Elective.....	3
Quantitative Reasoning Electives*	6
Social Sciences Electives*	6
 Second Year	
Communication Studies 210*, 240* or course with (OC) designation	3
Educational Interpreting 223, 226.....	6
Educational Psychology 210.....	3
General Elective.....	2-3
Information Sciences 330	3
Linguistics 200	3
Natural Sciences Electives*	7-8
Philosophy 241*, 243*, 246*, or 290*	3
 Third Year	
Education of Deaf/Hard of Hearing 419, 425.....	7
Educational Interpreting 431, 432.....	6
¹ Educational Methods.....	6
Health 305 or 306 or Special Education 459	3
Reading Education 430.....	2
² Professional Elective	3
Special Education 402	3
 Fourth Year	
Educational Psychology 401.....	3
Theory and Practice in Teacher Education 486.....	3
Education of Deaf/Hard of Hearing 410, 415, 416.....	9
Audiology and Speech Pathology 303, 494.....	6
² Professional Electives	9

Undergraduate Total 120-122

The following courses are taken during the post-baccalaureate professional year. Students must apply to and be admitted by the Office of Graduate and International Admissions prior to registration.

	Hours Credit
Education 574.....	2
Education 575.....	12
Education 591	4
Education of the Deaf/Hard of Hearing 528, 529.....	6

Graduate Total 24

*Meets University General Education Requirement

¹ See educational methods section or course options. Students must select the appropriate methods courses that meet the requirements for elementary, middle grades or secondary licensure. See advisor.

² See professional electives section for course options. (Note: All students will obtain a deaf education license, K-12. Students will also obtain a general education license in elementary, middle grades or secondary education. Professional elective options vary by level of licensure.)

Educational Methods

Elementary Education 422; English Education 459, 507, 508, 509, 543, 590; Math Education 485, 543; Reading Education 461, 540, 543; Science Education 543, 565, 596; Social Science Education 454, 543; Theory and Practice in Teacher Education 542, 543.

Professional Electives

Students obtaining a secondary license in general education will choose 12 professional electives from a secondary education content area. (Note: Some content areas require more than 12 credits for completion. Refer to specific content area requirements below.)

- **English** - 15 credits from English at the 300 level or above.
- **Mathematics** - Mathematics 241 or 251, 300, 460, 423 or 424.
- **Natural Sciences (Biology)** - Biology 140, 240, 250, and 6 credits from biochemistry and cellular and molecular biology, ecology and evolutionary biology, or microbiology at the 300 level or above.
- **Natural Sciences (Chemistry)** - 15 credits of courses from chemistry at the 200 level or above, including Chemistry 310, 319, and one course from Chemistry 350, 360, 369, 471, 481, 479, 473, and 483.
- **Natural Sciences (Physics)** - Physics 135, 136 and 6 credits from physics or astronomy at the 300 level or above.
- **Natural Sciences (Earth Science)** - Geology 101, Geology 102 or 103, and 9 credits from geology at the 200 level or above.
- **Social Science (Economics)** - Economics 201, 311, 313 and 6 credits from economics at the 300 level or above.
- **Social Science (Geography)** - 15 credits from geography, including 9 credits at the 300 level or above.
- **Social Science (Government)** - Political Science 101, 102, and 12 credits from political science at the 300 level or above.
- **Social Science (History)** - History 221, 222, 241, 242, and 6 credits from history at the 300 level or above to include a course in world history.
- **Social Science (Psychology)** - Psychology 110 and 15 credits from psychology at the 300 level or above.
- **Social Science (Sociology)** - Sociology 110 or 120, 321, 331, and 9 credits from sociology at the 300 level or above.

Students obtaining a middle grades 4-8 license in general education will choose 12 upper division (300-400) credits from a middle grades education content area. Content areas include:

- **English** - Choose English courses.
- **Mathematics** - Choose mathematics courses.
- **Science** - Choose courses from astronomy, biology, chemistry, geology, and physics.
- **Social Science** - Choose courses from history, geography, political science, and economics.

Students obtaining an elementary K-6 license in general education will choose a collateral area and complete a total of 12 credit hours. Collateral areas are listed below. Check the *Undergraduate Catalog* for any prerequisites required for these courses.

- **Audiology and Speech Pathology** - Audiology and Speech Pathology 300, 302, 305, 306, 435.
- **Child and Family Studies** - Child and Family Studies 106, 211, 350, 351, 353.
- **Educational Interpreting** - Educational Interpreting 335, 340, 350, 355, 435.
- **English as a Second Language** - English 474, 476, 477; Foreign Language/ ESL Education 466/566, 476/576, 489/588.
- **Linguistics** - Linguistics 400; English 471, 472, 474, 476, 477, 485; Educational Interpreting 435.
- **Reading and Language Arts** - Reading Education 461, 519, 529, 530, 536, 537, 538, 539, 540, 543; Elementary Education 528, 550.
- **Special Education** - Special Education 410, 419, 420, 456, 459, 471.

REVISE THE SPECIAL EDUCATION MAJOR - MODIFIED AND COMPREHENSIVE SPECIAL EDUCATION CONCENTRATION (SECOND AND FOURTH YEAR)

Second Year

⁵Non-US History 6

⁵Two courses from Africana Studies 235, 236; History 241, 242, 247, 248, 261, 262, 267, 268; Latin American Studies 251, 252; Medieval Studies 201, 202..

Formerly: Non-US History (6)

Fourth Year

³Theory and Practice in Teacher Education 486 3

Formerly: ³Instructional Technology 486.....3

REVISE MINOR IN ELEMENTARY EDUCATION

Theory and Practice in Teacher Education 486..... 3

Formerly: Instructional Technology 486.....3

REVISE MINOR IN ENGLISH LANGUAGE LEARNING

Theory and Practice in Teacher Education 486..... 3

Formerly: Instructional Technology 486.....3

REVISE MINOR IN SECONDARY EDUCATION

Theory and Practice in Teacher Education 486..... 3

Formerly: Instructional Technology 486.....3

COLLEGE OF ENGINEERING

All changes effective Fall 2009

I. COURSE CHANGES**DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING****(223) (CBE) Chemical and Biomolecular Engineering**

REVISE TO REMOVE PREREQUISITE

250 Application of Chemical and Biomolecular Engineering Thermodynamics (4)*Formerly: (RE) Prerequisite: 201.***DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING****(254) (CE) Civil Engineering**

ADD

262 Structural Mechanics (3) Fundamentals of structural mechanics including reactions, shear and moment diagrams, trusses, axially loaded members, centroids and area moments of inertia, normal and shear stresses in beams, Mohr's Circle, and torsion.

(RE) Prerequisite(s): Mechanical Engineering 202.

300 CADD Applications in Civil Engineering (3) Essentials of Computer-Aided Drafting and Design (CADD) software to create construction drawings of roads, foundations, buildings, piping, and earthwork plans, as well as flow charts, and project scheduling diagrams. Applications in civil engineering and construction mostly 2-D applications with limited exposure to 3-D applications. Computer intensive course.

*Contact Hour Distribution: Two hours and 1 lab.**(RE) Prerequisite 210.**Recommended Background: Computer proficiency.*

310 Civil and Environmental Engineering Lab (1) Introduction to laboratory report writing, design of experimental/testing programs, and fundamental lab and field testing for civil and environmental engineers.

(RE) Prerequisite(s): 205 and 262.

331 Geotechnical Engineering I (3) Introduction to soil properties and mechanics including phase relationship and soil classification, moisture compaction relationships, two dimensional seepage analysis, and effective stress in layered strata, consolidation theory, time rate and settlement, shear strength, stress increase with depth due to surface loads, bearing capacity of strip foundations, lateral earth pressures and analysis of homogeneous slopes with linear failure surface.

*(RE) Prerequisite(s): 262.**(DE) Corequisite(s): 310.*

355 Transportation Engineering I (3) Introduction to traffic demand, transportation planning, traffic flow relationships, geometric design, transportation safety, traffic control devices, queuing analysis, and multimodal transportation.

(RE) Prerequisite(s): 210.

371 Structural Engineering I (3) Selection of rolled structural beams. Design of structural steel members for axial tension and compression loads, reinforced concrete beams. Use of standard specifications.

(RE) Prerequisite(s): 262.

381 Environmental Engineering I (3) Introduction to drinking water treatment and distribution systems, wastewater treatment and collection systems, air pollution, solid/hazardous waste, and environmental regulations.

(RE) Prerequisite(s): 391 and Chemistry 130.

391 Water Resources Engineering I (3) Introductory coverage of water resources engineering including fluid properties; conservation of mass, energy, and momentum; hydraulics (flow measurement, pressure pipe, and open channels); and hydrology (climate and the hydrologic cycle, water budgets, groundwater flow, and rainfall-runoff estimation).

*(RE) Prerequisite(s): Mathematics 241 and Engineering Fundamentals 152.**(DE) Corequisite(s): 262.*

430 Geotechnical Engineering II (3) Topics include site exploration and characterization, review of consolidation and shear strength, advanced concepts in consolidation and shear strength, bearing capacity of rectangular foundations and mats subjected to concentric and eccentric loading, stress influence factors and principle of super position, shallow foundation settlements in clays and sands, advanced concepts in lateral earth pressures and earth retaining structures, slope stability, shallow and deep foundation design, reinforced concrete design of shallow foundations.

(RE) Prerequisite(s): 331.

432 Geotechnical Engineering Laboratory (1) Series of laboratories designed to teach practical and theoretical aspects of moisture-compaction relationship, permeability, consolidation, and shear strength. Virtual experiments prior to physical laboratory will also be incorporated for relevant material.

(RE) Prerequisite(s): 310.

(RE) Corequisite(s): 430.

455 Transportation Engineering II (3) Integrating transportation engineering principles into design of multimodal transportation systems, including overview of transportation design tools often utilized in the industry. Analysis of geometric design and operations management strategies to improve safety and performance; including design for non-motorized and public transport, intelligent transportation systems, signal systems, and simulation.

(RE) Prerequisite(s): 355.

456 Transportation Engineering Lab (1) Applying transportation principles to transportation operations and planning problems. Includes data collection techniques and analysis and application of transportation analysis software to model transportation systems.

(RE) Corequisite (s): 455.

461 Structural Engineering II (3) Analysis of structural elements including loads, shears and moments, influence lines, composite beams, column buckling, deflections of beams, frames, and trusses, vertical and lateral load-resisting systems, analysis of indeterminate structures by moment distribution, stiffness, and approximate methods.

(RE) Prerequisite(s): 262.

463 Structural Behavior Measurement (1) Investigation of structural behavior through laboratory experiments of structural elements, systems, and materials.

(RE) Prerequisite(s): 310 and 262.

481 Environmental Engineering II (3) Theory and design of drinking water treatment and distribution systems, and wastewater treatment and collection systems.

(RE) Prerequisites(s): 300 and 381.

482 Environmental Engineering Laboratory (1) Laboratory methods and interpretation of results for physical, chemical and biological analysis of water and wastewater.

(RE) Prerequisite(s): 310 and 381.

494 Water Resources Engineering II (3) Advanced topics in water resources engineering with an emphasis on system analysis and design. Topics include: water distribution and pump analysis, hydropower generation, computer modeling for rainfall-runoff analysis and reservoir/stream flow routing, probability and risk/uncertainty analysis for design, flood control, and stormwater controls and drainage design.

(RE) Prerequisite(s): 391.

496 Water Resources Engineering Laboratory (1) Design and analysis of hydraulic and hydrologic experiments including laboratory exercises on basic fluid properties, hydrostatic pressure, flow behavior in porous media, pipe flow headlosses, open channel flow, fluid flow measurement in pressurized pipe and open channels, and pump analysis.

(RE) Prerequisite(s): 310.

(RE) Corequisite(s): 494.

Equivalency Table

Current Courses Civil Engineering (254)	Equivalent Courses Fall 2009 Civil Engineering (254)
Civil Engineering 330	Civil Engineering 331
Civil Engineering 435	Civil Engineering 430
Civil Engineering 471	Civil Engineering 371
Civil Engineering 361	Civil Engineering 461
Civil Engineering 261	Civil Engineering 262
Civil Engineering 352	Civil Engineering 355
Civil Engineering 351	Civil Engineering 455
Civil Engineering 380	Civil Engineering 381
Civil Engineering 480	Civil Engineering 481
Civil Engineering 390	Civil Engineering 391
Civil Engineering 416 (secondary course - Primary is Biosystems Engineering 416.)	Civil Engineering 494

DROP

261 Structural Analysis I (3)

330 Introduction to Soil Behavior (4)

351 Transportation Engineering I (3)

352 Transportation Engineering II (3)

361 Structural Analysis II (4)

380 Water and Waste Treatment (3)

390 Hydraulics (4)

DROP SECONDARY CROSS-LISTED COURSE

416 Hydrology (3) (Primary course is Biosystems Engineering 416.)

DROP

435 Foundation Engineering (3)

471 Introduction to Structural Design (3)

480 Water and Waste Transport (3)

REVISE CREDIT HOURS AND DESCRIPTION

305 Professional Development II (2) Legal and ethical responsibilities, continuous improvement, career planning, business and public policy concepts, and leadership.

Formerly: Professional Development II (1) Legal and ethical responsibilities, continuous improvement, career planning, and leadership.

REVISE DESCRIPTION, DELETE (RE) PREREQUISITES, ADD (DE) PREREQUISITES, AND REMOVE CONTACT HOUR DISTRIBUTION

321 Materials of Construction (3) A study of the physical and mechanical properties of materials used in construction including aggregates, cements, concretes, masonry, ferrous and non-ferrous metals, and wood; the behavior of materials and structures under load; and material testing standards.

(DE) Prerequisite(s): 262.

Formerly: Physical and mechanical properties of materials used in construction. Behavior of materials and structures under load.

Testing standards, aggregates, cements, concretes, ferrous and nonferrous metals, wood and plastics.

Contact Hour Distribution: 2 lectures and 1 lab.

(RE) Prerequisite(s): 205 and 261.

REVISE REGISTRATION RESTRICTION

440 Civil Engineering Systems Design and Management (3)

Registration Restriction(s): Minimum student level – junior.

Formerly: Minimum student level – senior.

REVISE TITLE AND PREREQUISITES

490 Water Resources Applications (3)

(RE) Prerequisite(s): 494 or Biosystems Engineering 416.

Formerly: Water Resources Engineering

(RE) Prerequisite(s): 395 or BioSystems Engineering 416.

ADD (RE) PREREQUISITE AND DELETE (RE) COREQUISITE

462 Analysis of Framed Structures (3)

(RE) Prerequisite(s): 461.

Formerly: (DE) Corequisite(s): 471.

REVISE (RE) PREREQUISITES

451 Highway Engineering (3)

(RE) Prerequisite(s): 355.

Formerly: 352

453 Airport/Railroad Planning and Design (3)

(RE) Prerequisite(s): 355.

Formerly: 352.

472 Steel Design (3)

(RE) Prerequisite(s): 461.

Formerly: 471.

474 Reinforced Concrete Design (3)

(RE) Prerequisite(s): 461.

Formerly: 471.

486 Air and Waste Management (3)

(RE) Prerequisite(s): 391 or Chemical and Biomolecular Engineering 201.

Formerly: 390 or Chemical Engineering 200.

DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE**(266) (COSC) Computer Science**

REVISE DESCRIPTION

* **102 Introduction to Computer Science (4)** Problem solving and algorithm development. Organization and characteristics of modern digital computers with emphasis on software engineering, building abstractions with procedures and data, and programming in a modern computer language. Includes Level 1 design projects, which require laboratory work. (QR)

Formerly: Problem solving and algorithm development. Organization and characteristics of modern digital computers with emphases on developing good programming habits, building abstractions with procedures and data, and programming in a modern computer language. (QR).

(319) (ECE) Electrical and Computer Engineering

REVISE DESCRIPTION

206 Electrical Engineering Computations (4) Problem solving and algorithm development. Organization and characteristics of modern digital computers with emphasis on software engineering, building abstractions with procedures and data, and programming in a modern computer language. Includes Level 1 design projects, which require laboratory work.

Formerly: Engineering problem-solving and algorithm development by programming computers. Emphasis on software engineering, object-oriented design, building abstractions with procedures and data, and programming in a modern computer language. Includes Level 1 design projects which require laboratory work.

ENGINEERING FUNDAMENTALS DIVISION**(323) (EF) Engineering Fundamentals**

DROP

100 Engineering Skills Development (1-3)

REVISE (RE) COREQUISITE(S)

*** 157 Honors: Physics for Engineers I (4) (NS)**

(RE) Corequisite(s): 105 and Mathematics 141.

Formerly: (RE) Corequisite(s): Mathematics 141.

REVISE TO ADD (RE) PREREQUISITE

*** 158 Honors: Physics for Engineers II (4) (NS)**

(RE) Prerequisite(s): 157.

REVISE CREDIT HOURS

333 Co-op/Intern Experience in Engineering (1-3)

Formerly: Co-op/Intern Experience in Engineering (1)

DEPARTMENT OF INDUSTRIAL AND INFORMATION ENGINEERING

(556) (IE) Industrial Engineering

DROP

454 Visual Basic Applications in Engineering (3)

455 Human-Computer Interaction (3)

REMOVE (RE) PREREQUISITES

202 Work Methods and Measurement (3)

Formerly: (RE) Prerequisite(s): Engineering Fundamentals 230.

REVISE (RE) PREREQUISITES

310 Operation Research in Industrial Engineering II (3)

(RE) Prerequisite(s): 301 and Statistics 251.

Formerly: (RE) Prerequisite(s): 300 and 301.

402 Production System Planning and Control (3)

(RE) Prerequisite(s): 202 and 300.

Formerly: (RE) Prerequisite(s): 300 and 310.

REMOVE (RE) PREREQUISITE, REVISE REGISTRATION RESTRICTION, ADD REGISTRATION PERMISSION

250 Sophomore Cooperative Learning Experience (1)

Registration Restriction(s): Industrial engineering major.

Registration Permission: Consent of instructor.

Formerly: (RE) Prerequisite(s): Engineering Fundamentals 152.

Registration Restriction(s): Industrial engineering major; minimum student level – sophomore.

REVISE DESCRIPTION AND (RE) PREREQUISITE AND ADD REGISTRATION PERMISSION

300 Engineering Data Analysis and Process Improvement (3) Engineering statistical methods as applied to modern engineering and business environments, process improvement, inferences about process output and behavior, and measurement systems. Content includes engineering and statistical tolerances; tools for creative problem solving and process analysis; statistical process control including capability analyses and measurement studies, including gauge R&R studies; quality control in lean environments including short runs and mixed model environments; service applications including non-normality and autocorrelation; an overview of the theory of constraints; one-way analysis of variance; design of experiments including screening, two-factor, and fractional designs; and Six Sigma, including DMAIC and DFSS methodologies. A lab component emphasizes the use of teams to provide hands-on experiences, enhance learning, and develop skills in group dynamics.

(RE) Prerequisite(s): Statistics 251.

Registration Permission: Consent of instructor.

Formerly: Engineering statistical methods as applied to modern engineering and business environments, process improvement, inferences about process output and behavior, and measurement systems. An introduction to the use of designed experiments to improve process.

(RE) Prerequisite(s): Statistics 251 or Mechanical Engineering 345.

REVISE DESCRIPTION

330 Manufacturing Materials/Processes (3) Processes related to design of machine parts. Casting hot and cold forming, metal removal, and weldments. Manufacturing tolerances and surface finishes.

Formerly: Characteristics of materials and processes used in modern manufacturing.

427 Introduction to Lean Systems (3) Introduces an engineering based framework to implement process and system improvements within both the manufacturing and service enterprises. The students will be introduced to the basic concepts of lean systems including facility design and six sigma. The focus of the course will be to enable students to design complex processes and systems based on the physical system and the associated information system. Activities will include case studies, industry based projects, and the preparation of engineering reports.

Formerly: Introduces a framework to implement improvements within an enterprise. This framework will focus on designing both the physical system and the associated information system. The students will be introduced to the basic concepts of facilities design based upon process design and requirements. The design of the physical and information systems will be based on integrating the concepts, terminology, and tools of lean enterprise and Six Sigma. Activities will include case studies, industry based projects, and the preparation of written engineering reports.

REVISE DESCRIPTION, (RE) PREREQUISITE(S) AND ADD (RE) COREQUISITE(S)

401 Integrated Manufacturing Systems (3) Review of manufacturing processes, including robotics and automation. Introduction to manufacturing system design, facilities planning, facility layout, material handling systems, and material handling design.

(RE) Prerequisite(s): 202.

(RE) Corequisite(s): 330 and 405.

Formerly: NC and CNC machine tools, robotics and related materials handling systems, hard automation, alternative integrated manufacturing systems, and manufacturing information/control systems.

(RE) Prerequisite(s): 202 and 330.

REVISE REGISTRATION RESTRICTION, ADD REGISTRATION PERMISSION

405 Engineering Economic Analysis (3)

Registration Restriction(s): Restricted to majors in the College of Engineering.

Registration Permission: Consent of instructor.

Formerly: Registration Restriction(s): Restricted to majors in the College of Engineering; minimum student level – junior.

REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)

406 Simulation (3)

(RE) Prerequisite(s): Statistics 251.

(RE) Corequisite(s): 310.

Formerly: (RE) Prerequisite(s): 300 and 310.

REVISE REGISTRATION RESTRICTION

423 Industrial Safety (3)

Registration Restriction(s): Minimum student level – junior.

Formerly: Registration Restriction(s): Minimum student level – senior.

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

(638) (MSE) Materials Science and Engineering

ADD

440 Polymer Engineering (3) Non-Newtonian rheology, shear thinning fluids, rheometry, melt processing operations, molecular orientation, linear viscoelasticity, dynamic mechanical behavior, yield, fracture, mechanical properties of polymeric composites.

(DE) Prerequisite(s): 340.

466 Magnetism and Magnetic Materials (3) Review of the atomic origin of magnetic moments and how these moments can be affected by their local environment. Properties, basic theory, and applications of para-, dia-, ferro-, ferri- and antiferromagnets. Novel magnetic phenomena and magnetic materials in modern technological applications.

(DE) Prerequisite(s): 350.

REVISE DESCRIPTION

300 Materials Laboratory Procedures (1) Hands-on sample preparation, characterization, and data analysis for introductory studies demonstrating the structure-property-processing relationships of materials. Report writing skills including word processing and graphics usage; Oral presentation skills.

Formerly: Thermometry and sample preparation for microscopic examination. Word processing and graphics usage. Data analysis and report writing.

390 Principles of Metallic Materials (3) Review of the heat treatment of steels, hardenability, quenching of steels, tempering of steels, austenitization of steels, annealing, normalizing, martempering and austempering, surface Treatments of Steels, Tool Steels, Stainless Steels, Structural Steels, Review of Diffusion, Ternary Phase Diagrams, Physical Metallurgy and Heat treatment of Aluminum and Cu Alloys, Design of Heat Treatments.

Formerly: Property control through composition, mechanical and thermal processing, ferrous and nonferrous alloys, and alloy selection.

DEPARTMENT OF MECHANICAL, AEROSPACE, AND BIOMEDICAL ENGINEERING**(192) (BME) Biomedical Engineering**

REVISE (RE) PREREQUISITE(S)

430 Biomedical Engineering Laboratory (3)*(RE) Prerequisite(s): 345 and Electrical and Computer Engineering 315.*

Formerly: (RE) Prerequisite(s): 345 and Electrical and Computer Engineering 300.

(650) (ME) Mechanical Engineering

REVISE TITLE

405 Mechatronics (3)

Formerly: Microcomputer-Based Control of Electromechanical Systems.

REVISE TO ADD (DE) PREREQUISITE AND REGISTRATION RESTRICTION

449 Mechanical Engineering Laboratory (3)*(DE) Prerequisite(s): 321.**Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.*

REVISE TO ADD REGISTRATION RESTRICTION

202 Engineering Mechanics (2)*Registration Restriction(s): Majors in the College of Engineering or biosystems engineering majors.***231 Dynamics (3)***Registration Restriction(s): Majors in the College of Engineering or biosystems engineering majors.***321 Mechanics of Materials (3)***Registration Restriction(s): Majors in the College of Engineering or biosystems engineering majors.***331 Thermodynamics (3)***Registration Restriction(s): Majors in the College of Engineering or biosystems engineering majors.*

REVISE TO ADD REGISTRATION RESTRICTION

344 Heat Transfer (3)*Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.***345 Mechanical Engineering Instrumentation and Measurement (3)***Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.***363 System Dynamics (3)***Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.***366 Manufacturing Processes (3)***Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.***391 Engineering Analysis (3)***Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.**** 410 Professional Topics (2) (OC)***Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major. Minimum student level - senior.***450 Mechanical Engineering Design I (1-4)***Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.*

460 Mechanical Engineering Design II (1-4)

Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.

466 Elements of Machine Design II (3)

Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.

475 Thermal Engineering (3)

Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.

DEPARTMENT OF NUCLEAR ENGINEERING**(716) (NE) Nuclear Engineering**

ADD

* **401 Radiological Engineering Laboratory (3)** Radiation detection and counting instrumentation, counting statistics, half-life and decay schemes, alpha and beta spectroscopy, radiation fields and dosimetry, gamma spectrometry. **(WC)**
(RE) Corequisite(s): 470.

* **402 Nuclear Engineering Laboratory (3)** Cross section measurements, diffusion properties of neutrons, shielding, dynamics and controls, and heat transfer experiments. **(WC)**
(DE) Prerequisite(s): 342 and 401.

433 Principles of Health Physics (3) Radiation quantities, limits and risk assessment, external and internal dosimetry, biological effects of radiation, radiation detection, radiation interactions and decay, applications.

473 Nuclear Reactor Theory II (3) Spectral and spatial effects on cross section data generation, energy group collapsing, spatial homogenization, light water reactor core design, nodal diffusion methods, lattice physics, temperature effects, isotopic depletion, power distribution calculations, thermal limits and reactivity management.
(DE) Prerequisite(s): 470.

Comment(s): Prior knowledge may satisfy prerequisite with consent of instructor.

490 Radiation Biology (3) Interactions of ionizing radiation with living cells and its effects on human health.

DROP

301 Fundamentals of Nuclear and Radiological Engineering (3)

431 Radiation Protection (3)

* **304 Nuclear and Radiological Engineering Laboratory I (3) (WC)**

* **403 Nuclear Engineering Laboratory (3) (WC)**

Equivalency Table

Current Course Nuclear Engineering (716)	Equivalent Course Fall 2009 Nuclear Engineering (716)
* 304 (WC)	* 401 (WC)
* 403 (WC)	* 402 (WC)

-----Original Message-----

From: Reiff, Mary Jo Catherine
 Sent: Wednesday, October 22, 2008 10:12 AM
 To: Dodds, Harold L; Charles Collins
 Subject: RE: [Fwd: WC Approval]

The change sounds fine to me, and because it is just a minor (number) change, there's no need for the WC committee to review this.

Thanks.

Mary Jo Reiff, Ph.D.
 Associate Professor of English
 Director of Composition
 311 McClung Tower, University of Tennessee
 Knoxville, TN 37996
 865-974-6936

-----Original Message-----

From: Dodds, Harold L
 Sent: Wed 10/22/2008 9:42 AM
 To: Charles Collins; Reiff, Mary Jo Catherine
 Subject: RE: [Fwd: WC Approval]

Thanks Chuck,
 Lee Dodds

-----Original Message-----

From: Charles Collins [mailto:ccollins@math.utk.edu]
 Sent: Wednesday, October 22, 2008 9:34 AM
 To: Reiff, Mary Jo Catherine; Dodds, Harold L
 Subject: [Fwd: WC Approval]

Mary Jo,

Here's some info about a change in a WC course. Since it is only a number change, we probably don't need any more information. If you want to know more contact Dr. Dodds.

Thanks,
 --Chuck

----- Forwarded Message -----

From: Dodds, Harold L <hdj@utk.edu>
 To: Collins, Charles Robert (Chuck) <collins@utk.edu>
 Cc: ivan.maldonado@utk.edu, Hayward, Jason Peter <jhayward@utk.edu>, Itownsen@utk.edu
 Subject: WC Approval
 Date: Mon, 20 Oct 2008 16:15:35 -0400

Chuck,

We are changing the course numbers of NE 304 and NE 403 to 401 and 402, respectively. Both 304 and 403 have been WC approved for several years. Thus, since only the course numbers are being changed, not course content, we should not have to re-submit requests for WC approval. correct (i.e., I'm trying to avoid unnecessary duplication of effort that has already been expended).

Thank you,
 Lee Dodds, Head
 UT Nuclear Engineering Dept.

REVISE TO DELETE (RE) PREREQUISITE
351 Nuclear System Dynamics and Control (3)

Formerly: (RE) Prerequisite(s): 301.

421 Introduction to Nuclear Criticality Safety (3)

Formerly: (RE) Prerequisite(s): 301.

REVISE TITLE, CREDIT HOURS, DESCRIPTION AND REMOVE (RE) PREREQUISITE

470 Nuclear Reactor Theory I (4) Fundamentals of reactor physics relative to cross sections. Kinematics of elastic scattering. Reactor kinetics, reactor systems, and nuclear data. Analytical and numerical methods applicable to general criticality problems, eigenvalue searches, perturbation theory, and the multigroup diffusion equations, and introduction to Fortran programming.

Formerly: 470 Nuclear Reactor Theory (3) Fundamentals of reactor physics relative to cross sections, kinematics of elastic scattering, reactor kinetics, reactor systems and nuclear data. Analytical and numerical methods applicable to general criticality problems, eigenvalue searches, perturbation theory, and the multigroup diffusion equations.
 (RE) Prerequisite(s): 301.

II. PROGRAM CHANGES

REVISE COLLEGE OF ENGINEERING TRANSFER STUDENT POLICY

On page 160 of the 2008-2009 *Undergraduate Catalog*, in the Transfer Students section, revise the first bullet item to:

Transfer Students

- Must have earned a minimum 2.30 cumulative average and a C or better in each of these specific courses, or their equivalent: English 101, Chemistry 120 (for Computer Science students: any science course with a laboratory component), and Mathematics 141 (and subsequent courses in the three sequences, if taken).

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

REVISE GRADUATION REQUIREMENTS FOR CIVIL ENGINEERING MAJOR

On page 163 of the 2008-2009 *Undergraduate Catalog* under Graduation requirements revise to

No more than four credit hours of civil and environmental engineering courses in which a C- or lower is the highest grade earned may be counted toward graduation. Students must earn a grade of C or better in all courses within their two selected concentrations.

Formerly: No more than two civil and environmental engineering courses in which a C- or lower is the highest grade earned may be counted toward graduation.

REVISE REQUIREMENTS FOR CIVIL ENGINEERING MAJOR

On page 163 of the 2008-2009 *Undergraduate Catalog*, revise to

Second Year

Economics 201* or 207*	4
Civil Engineering 205*, 210, 262, 391	12
Mechanical Engineering 202.....	2
Mathematics 231, 241 or 247	7
² Science Elective	3-4
Statistics 251.....	3

Third Year

Arts and Humanities Elective*.....	3
Civil Engineering 300, 305, 310, 321, 331, 355, 371, 381, 440.....	24
Cultures and Civilizations Electives*	6

Fourth Year

Civil Engineering 401, 400, 442.....	7
¹ Civil Engineering Concentration Electives.....	6
¹ Civil Engineering Concentration Labs	2
³ Civil Engineering/Technical Elective	9
Arts and Humanities Elective*.....	3
Social Sciences Electives*.....	3
Engineering Fundamentals 402.....	1

Total 126-127

*Meets University General Education Requirement. All electives must be pre-approved by the advisor and the department head.

¹Students must select 2 of the following concentration sequences: environmental sequence (Civil Engineering 481, 482), geotechnical sequence (Civil Engineering 430, 432), structural sequence (Civil Engineering 461, 463), transportation sequence (Civil Engineering 455, 456), water resources sequence (Civil Engineering 494, 496).

²Students select from Biology 101, 102, 130, 140, 157; Environmental Engineering 513; Environmental and Soil Sciences 462; Geography 131, 410; Geology 101, 103, 107.

³Must be approved by advisor.

REVISE REQUIREMENTS FOR ENVIRONMENTAL ENGINEERING MINOR

On page 163 of the 2008-2009 *Undergraduate Catalog*, revise to

Minor in Environmental Engineering

The College of Engineering offers a minor in environmental engineering to those undergraduate students whose academic history provides the prerequisites for the courses required by the minor. The minor requires the completion of a minimum of 21 credits in coursework which builds the foundation of an environmental engineering perspective. Some of the courses used in the minor may also satisfy a requirement for a major. Students are advised that the first professional degree in environmental engineering at the University of Tennessee, Knoxville, is the Master of Science with a major in environmental engineering which builds on the minor. Students are asked to file their intent to complete the minor with the Department of Civil and Environmental Engineering, 223 Perkins Hall. The student's home department advisor will then be supplied with the information about the minor requirements to assist with prerequisite sequencing.

Required Courses	Hours Credit
Civil Engineering 486.....	3
Environmental Engineering 513 or Chemical and Biomolecular Engineering 475	3
Select one from Chemistry 230, 310, or 350	3
Select two:	
Chemical and Biomolecular Engineering 201; Biosystems Engineering 221, 416; Civil Engineering 381, 494.....	6
Geology 202 or Philosophy 245.....	3
Select one:	
Geology 485, Civil Engineering 485, Environmental and Soil Sciences 444	3
Total 21	

ADD FIVE YEAR BS-MS
(CIVIL ENGINEERING BS - CIVIL ENGINEERING OR ENVIRONMENTAL ENGINEERING MS)

Five-Year BS-MS Program

The department offers a 5-year BS-MS program with a BS (major in civil engineering) and an MS (major in civil or environmental engineering) for qualified students. The primary component of the program is that qualified students may take up to 6 hours of approved graduate courses for their senior undergraduate electives and have them count toward both their bachelor's and master's degrees. Significant components of the program are:

- Students must have an overall GPA of 3.4 in required course work. Conditional admission to the 5-year program may be granted after completion of 65 hours of required course work, while full admission may be granted after the completion of 96 hours of required course work with a minimum GPA of 3.4.
- Admission must be approved by the department, the College of Engineering, and the Graduate School.
- Students must at least be conditionally admitted to the program prior to taking courses that receive credit for both the BS and MS degrees. All courses taken for graduate credit must be approved by the chair of the department and the Graduate School.
- Students will not be eligible for assistantships until they complete their bachelor's degree.

NOTE: Also requires approval by Undergraduate Academic Policy Committee, Graduate Academic Policy Committee, and Graduate Curriculum Committee.

The new policy (effective Fall 2008) states: "Courses taken for graduate credit may not be used for both the baccalaureate and a graduate degree program except in the case of approved dual bachelor's/master's programs."

Each dual BS/MS is different and both APC and Curriculum Committees must approve. The new policy (above) simply allows programs to put forth proposals for a dual BS/MS. It is not a universal approval for the dual BS/MS.

DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

REVISE REQUIREMENTS FOR COMPUTER ENGINEERING MAJOR (FIRST YEAR)

On page 165 of the 2008-2009 *Undergraduate Catalog* revise to

First Year

Electrical and Computer Engineering 206 or Computer Science 102	4
Formerly: Electrical and Computer Engineering 206.....	4

REVISE REQUIREMENTS FOR COMPUTER SCIENCE MAJOR (FIRST YEAR)

On page 165 of the 2008-2009 Undergraduate Catalog, revise to

First Year

Computer Science 102 or Electrical and Computer Engineering 206	4
Computer Science 140	4

Formerly: Computer Science 102, 140.....8

REVISE REQUIREMENTS FOR ELECTRICAL ENGINEERING MAJOR (FIRST YEAR)

On page 166 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year

Electrical and Computer Engineering 206 or Computer Science 102	4
---	---

Formerly: Electrical and Computer Engineering 206.

DEPARTMENT OF INDUSTRIAL AND INFORMATION ENGINEERING

ADD FIVE YEAR BS-MS

Five-Year BS-MS Program

The department offers a 5-year BS-MS non-thesis program with a major in industrial engineering for qualified students. The primary component of the program is a qualified student may take up to 9 hours of approved graduate courses for their senior undergraduate courses and have them count toward both the bachelor's and master's degrees. Qualifications for admission to the program are:

- The student must have an earned minimum cumulative GPA of at least 3.4 to be considered for admission to the program. Conditional admission may be granted the student after completing 65 hours of the required course work.
- Conditional admission must be obtained before taking a graduate course that is to be used to satisfy the requirements of both the bachelor's and master's degrees.
- Full admission may be granted after completing 96 hours of required course work as with a minimum cumulative GPA of 3.4 in the required course work.
- Conditional and full admission of a student into this program must be approved by the Department of Industrial Engineering, the College of Engineering, and the Graduate School.
- Any course taken for graduate credit prior to satisfying all requirements for the bachelor's degree in industrial engineering must be approved by the department head or designee and the Graduate School.
- A student will not be eligible for a graduate assistantship until the student has satisfied all of the requirements for the bachelor's degree.

NOTE: Also requires approval by Undergraduate Academic Policy Committee, Graduate Academic Policy Committee, and Graduate Curriculum Committee.

The new policy (effective Fall 2008) states: "Courses taken for graduate credit may not be used for both the baccalaureate and a graduate degree program except in the case of approved dual bachelor's/master's programs."

Each dual BS/MS is different and both APC and Curriculum Committees must approve. The new policy (above) simply allows programs to put forth proposals for a dual BS/MS. It is not a universal approval for the dual BS/MS.

REVISE THE INDUSTRIAL ENGINEERING MAJOR

On page 168 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year

Hours Credit

Mechanical Engineering 202.....	2
---------------------------------	---

Formerly: Engineering Fundamentals 202

Second Year

Add Economics 201* or 207* to second year	4
Move Mechanical Engineering 331 to third year	

Third Year

Add Mechanical Engineering 331 to third year	3
Move Economics 201* or 207* to second year	

² Technical electives must be taken from the Department of Industrial and Information Engineering list of approved courses (see below) or be approved by the advisor and the department head.

APPROVED TECHNICAL ELECTIVES

• **College of Engineering courses**

Any upper-division industrial engineering course not required for graduation
Industrial Engineering 423, 483, 484

Choose any listed upper-division course from the engineering programs.

- Aerospace Engineering 341
- Biomedical Engineering 300
- Electrical and Computer Engineering 300¹, 302
- Materials Science and Engineering 302, 340, 360, 390, 405
- Mechanical Engineering 321, 363², 365, 405
- Nuclear Engineering 342

Exceptions to the upper-division course requirement have been granted for three courses.

- Electrical and Computer Engineering 206, 255
- Materials Science and Engineering 220

• **College of Business Administration courses**

Choose any listed upper division course from the business administration paradigms.

- Business Administration 361¹, 410¹
- Business Law 301
- Finance 300, 425^{1,2}, 455^{1,2}
- Marketing 300^{1,2}
- Management 300²
- Economics 311¹, 312¹, 313, 322¹, 331, 333, 351² 361

• **College of Communication and Information courses**

Choose any listed course from the communication and information programs.

- Information Sciences 310, 451^{1,2}

• **College of Education, Health, and Human Sciences**

Choose any listed course from education, health, and human sciences programs.

- Safety 452¹

¹Course has a registration restriction.

²Course has a corequisite or a prerequisite that is not part of the industrial engineering program.

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

REVISE REQUIREMENTS FOR BIOMATERIALS CONCENTRATION

On page 169 of the 2008-2009 Undergraduate Catalog revise to

In addition to satisfying the requirements described in the materials science and engineering major, candidates for biomaterials concentration must also satisfy the following stipulations.

	Hours	Credit
Materials Science and Engineering 474	3	3
Materials Science and Engineering 485/578 or 486/588	3	3
Biology 140(4) or Biochemistry and Cellular and Molecular Biology 230(5)	4-5	4-5
Select one:		
Materials Science and Engineering 470, 485, 486; Biomedical Engineering 409;		
Biosystems Engineering 231; Chemical and Biomolecular Engineering 475	3	3

Total 13-14

REVISE REQUIREMENTS FOR MATERIALS SCIENCE AND ENGINEERING MINOR

On page 170 of the 2008-2009 Undergraduate Catalog revise to:

Choose at least one: Materials Science and Engineering 320, 340, 360, 410, and 4723
Formerly: Choose at least one: Materials Science and Engineering 320, 340, 360, 402, 410, and 472 (3)

Select at least three, at least one of which must be at the 400-level – any of the Materials Science and Engineering 300-400 courses; Biomedical Engineering 455, 469, 473 and 475; Chemistry 350, 360, 369, 430, 439, 450, 473, 483, 479, 489 and 490; Chemical and Biomolecular Engineering 301, 447 and 484; Civil and Environmental Engineering 321 and 421; Electrical and Computer Engineering 335; Industrial Engineering 330, 401, and 484; Mechanical Engineering 321, 366, 466 and 484; Nuclear Engineering 484; Physics 342, 411, 412, 421, 431 and 432. Other courses in this category may be acceptable, but must be approved in advance by the Department of Materials Science and Engineering.9

Formerly:

Select at least three, at least one of which must be at the 400-level – any of the Materials Science and Engineering 300-400 courses; Biomedical Engineering 310, 408, 455, 469, 473 and 475; Chemistry 350, 360, 369, 430, 439, 450, 473, 483, 479, 489 and 490; Chemical Engineering 230, 301, 447 and 484; Civil and Environmental Engineering 321 and 421; Electrical and Computer Engineering

335; Industrial Engineering 330, 401, and 484; Mechanical Engineering 321, 366, 466 and 484; Nuclear Engineering 484; Physics 342, 411, 412, 421, 431 and 432. Other courses in this category may be acceptable, but must be approved in advance by the Department of Materials Science and Engineering (9)

DEPARTMENT OF MECHANICAL, AEROSPACE, AND BIOMEDICAL ENGINEERING

REVISE PROGRESSION TEXT

On page 170 of the 2008-2009 *Undergraduate Catalog* under Progression, replace Loss of Full Status section with

Departmental Academic Standing

The Department of Mechanical, Aerospace and Biomedical Engineering expects all students who enter to make progress toward graduation. To graduate from the department, a student must earn a minimum cumulative departmental grade point average of 2.0. Students not meeting the required departmental GPA may be dropped from their major in the department

In addition, the University Academic Good Standing Policies in the front of this catalog apply to all students.

REVISE GRADUATION REQUIREMENTS FOR DEPARTMENTAL MAJORS

On page 170 of the 2008-2009 *Undergraduate Catalog*, revise to:

Graduation Requirements

A minimum cumulative GPA of 2.0 in all departmental courses taken at the University of Tennessee, Knoxville, is required for graduation. No more than two departmental courses in which a C- or lower is the highest grade earned may be counted toward graduation. This is in addition to the university's graduation requirements.

Formerly: A minimum cumulative GPA of 2.00 in all departmental courses taken at the University of Tennessee, Knoxville, is required for graduation. This is in addition to the university's graduation requirements.

REVISE REQUIREMENTS FOR BIOMEDICAL ENGINEERING MINOR

On page 172 of the 2008-2009 *Undergraduate Catalog*, revise to

Minor in Biomedical Engineering

The College of Engineering offers a minor in biomedical engineering to those undergraduate students whose academic history provides the prerequisites for the courses required by the minor. The minor requires the completion of a minimum of 32 credits. Some of the courses used in the minor may also satisfy requirements for the student's major.

Required Courses

	Hours	Credit
Biochemistry and Cellular and Molecular Biology 230.....	5	
Materials Science and Engineering 201	3	
Aerospace Engineering 341.....	3	
Electrical and Computer Engineering 301	3	
Mechanical Engineering 321, 331	6	
Biomedical Engineering 345, 363, 430, 473	12	
	Total	32

Formerly:

Engineering Fundamentals 202	2
Materials Science and Engineering 201	3
Aerospace Engineering 341	3
Electrical and Computer Engineering 301	3
Mechanical Engineering 331	3
Biomedical Engineering 271, 300, 310, 430	13
Select one from Biomedical Engineering 473, 475 or Other approved 400- or 500-level Biomedical Engineering course	3
	Total
	30

REVISE REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

On page 173 of the 2008-2009 *Undergraduate Catalog*, revise footnotes 3 and 4:

³Any 300- or 400- level departmental course.

Formerly:

³Any Must be chosen from Aerospace Engineering 351, 363, 422, 425; Mechanical Engineering 365, 406, 451, 452, 457, 463, 467, 480 or other departmentally approved course.

⁴ Must be pre-approved by the advisor and department head.

Formerly:
All departmental and technical electives must be pre-approved by the advisor and department head.

REVISE MECHANICAL ENGINEERING MINOR

Select one from Mechanical Engineering 365, 463 3

Formerly:
Select one from Biomedical Engineering 310, Mechanical Engineering 365, 463 (3)

DEPARTMENT OF NUCLEAR ENGINEERING

REVISE REQUIREMENTS FOR NUCLEAR ENGINEERING MAJOR

On page 174 of the 2008-09 *Undergraduate Catalog*, revise to

Second Year	Hours Credit
Mechanical Engineering 202.....	2
Engineering Fundamentals 230	2

Formerly:
Engineering Fundamentals 202, 230 (4)

Third Year

Mathematics 403.....	3
Nuclear Engineering 342, 351, 360, 401, 432, 470	19

Formerly:
Nuclear Engineering 301, 304, 342, 351, 360, 431, 470 (21)

Fourth Year

Nuclear Engineering 400*, 402*, 406, 472	11
--	----

Formerly:
Nuclear Engineering 400, 403, 406, 472 (11)

* Meets University General Education Requirement.

¹Technical electives are selected from upper-division mathematics, chemistry, physics, and engineering courses and must be pre-approved by the department.

REVISE REQUIREMENTS FOR RADIOLOGICAL ENGINEERING CONCENTRATION

On Page 174 of the 2008-09 *Undergraduate Catalog*, revise to

Second Year	Hours Credit
Mechanical Engineering 202.....	2
Engineering Fundamentals 230	2

Formerly:
Engineering Fundamentals 202, 230 (4)

Third Year

Delete Biology 140 (4)

Nuclear Engineering 342, 351, 401, 432, 470	16
---	----

Formerly:
Nuclear Engineering 301, 304, 342, 351, 431, 470 (18)

Add Statistics 251 (3)

Fourth Year

Remove Biochemistry and Cellular and Molecular Biology 230 (5)

Remove Statistics 251, Biochemistry and Cellular and Molecular Biology 310, or Chemistry 350 (3)

Nuclear Engineering 400*, 402*, 406, 472, 490	14
---	----

Formerly:
Nuclear Engineering 400, 403, 406, 472 (11)

¹ Technical Electives.....	6
---------------------------------------	---

Formerly:
¹Technical Electives (3)

Total 124

ADD ELECTIVE LISTS WHERE NOT SPECIFIED (FOR CLARIFICATION AND FOR DARS PROGRAMMING)

Program/Major/Minor	Requirement	2009 Course Options
Chemical & Biomolecular Engineering (p. 162)	Chem Option I (3 hours)	Any BCMB course at 200-level or above; any Chemistry course at 200 level or above; Environmental Engineering 554, 562; MSE 340, 360, 470; any Microbiology course at 200-level or above
	Bio Option I (3 hours)	Biochemistry, Cellular, & Molecular Biology 230, 310, 321, 401, 402; Biology 240, 250; Microbiology 210, 310
	Chem/Bio Option II (3 hours)	Chem II Options: Any BCMB course at 300-level or above; any Chemistry course at 300 level or above; Environmental Engineering 554, 562; MSE 340, 360, 470; any Microbiology course at 300-level or above OR Bio II Options: Biochemistry, Cellular, & Molecular Biology 310, 321, 401, 402; Microbiology 310
	Technical electives (6 hours)	Chem & Biomolecular Eng 425, 467, 477, 478, 488, 494, 531, 575, 581; Civil Eng 486; Electrical Eng 301, 471, 472; Industrial Eng 405; MSE 302, 320, 360, 470, 474; Nuclear Eng 483, 484
Chemical & Biomolecular Engineering / Biomolecular Eng. Conc. (p. 162)	Bio Option I (3 hours)	Biochemistry, Cellular, & Molecular Biology 230, 310, 321, 401, 402; Biology 240, 250; Microbiology 210, 310
Computer Science (p. 165)	Computer Science upper division electives	Any 300-400 level computer science course not already required
	General elective approved by advisor (2 hours)	Any course not already required for the major
Materials Science & Engineering (p. 169)	Technical electives (6 hours)	BCMB 230; Biology 140; Biomedical Engineering 300, 409; Chemical and Biomolecular Engineering 475; Chemistry 350; Any MSE course (except 220); Mechanical Engineering 321; Nuclear Engineering 483, 484
Biomedical Engineering (p. 172)	Technical elective (3 hours)	Courses must be approved by petition
	Departmental electives (6 hours)	Any 300-500 level mechanical, aerospace, or biomedical engineering course
Mechanical Engineering (p. 172-173)	Technical elective (3 hours)	Courses must be approved by petition

COLLEGE OF NURSING

All changes effective Fall 2009

I. COURSE CHANGES

(720) (NURS) Nursing

DROP

452 Professional and Workplace Issues (1)

II. PROGRAM CHANGES

REVISE GENERAL REQUIREMENTS FOR BACHELOR OF SCIENCE IN NURSING

On page 175 of the 2008-2009 Undergraduate Catalog, revise first paragraph under the General Requirements heading to:

General Requirements

In order to obtain a Bachelor of Science in Nursing degree students are required to successfully complete eight semesters of full-time study or the equivalent in part-time study, of prescribed course work, for a total of 123 semester hours. The minimum number of credits required for graduation is 123 hours. The program also accommodates registered nurses who hold associate degrees in nursing or who are graduates of diploma nursing programs. All upper-division courses, with the exception of 351, 400, 402, and 406, are restricted to students who have been approved for progression. (See Progression Policies and Procedures.) Students pursuing the nursing major are expected to take 319 prior to 351.

REVISE REQUIREMENTS FOR BACHELOR OF SCIENCE IN NURSING

Requirements for the Bachelor of Science in Nursing

	Hours Credit
First Year	
English 101*, 102*	6
Mathematics 125*	3
Statistics 201*	3
Chemistry 100*-110* or 120*-130*	8
Arts and Humanities*	6
Psychology 110*	3
Sociology or Anthropology	3
Biology 101*	4
Second Year	
Ecology and Evolutionary Biology 240 (Anatomy)	4
Biochemistry and Cellular and Molecular Biology 230 (Physiology)	5
Microbiology 210*	3
Nutrition 100*	3
Child and Family Studies 210*	3
Nursing 201 (Introduction to Nursing)	2
Cultures and Civilizations*	6
Philosophy 246*	3
Third Year	
Nursing 311, 319, 333, 341 (OC)*, 351, 361, 381, 382	28
Fourth Year	
Nursing 403 (WC)*, 404, 406, 421, 451, 461, 471 or 477, 490	30
Formerly: Nursing 403*, 404, 406, 421, 451, 452, 461, 471 or 477, 490	31
Total 123	

*Meets University General Education Requirement. See catalog listing for approved courses in Arts and Humanities (AH) and Cultures and Civilizations (CC).

REVISE RN TRACK FOR BACHELOR OF SCIENCE IN NURSING (ITEM 2)

On page 177 of the 2008-2009 *Undergraduate Catalog*, revise Item 2 to:

2. Students starting upper division coursework will receive proficiency credit for five major clinical nursing courses. Courses for which credit will be attained include 361, 403, 404, 421, and 461. These credits will be held in escrow until the graduating semester for a student and are indicated with a double asterisk. (Satisfactory/ No Credit.)

Formerly:

2. Students will take NLN ACE examinations prior to starting upper division coursework. If a decision score of 100 is achieved (per section) the student will receive proficiency credit for five of the major clinical nursing courses exclusive of Community Health. Courses for which credit can be obtained in this manner include 361, 403, 404, 461, and 421, and are indicated with a double asterisk. (Satisfactory/No Credit.)

REVISE RN TRACK FOR BACHELOR OF SCIENCE IN NURSING (ITEM 4)

On page 177 of the 2008-2009 *Undergraduate Catalog*, revise Item 4 to:

4. RN-BSN students are required to take 333 Health Assessment.

Formerly:

4. RN-BSN students can elect to challenge 333 Health Assessment by taking the NLN Physical Assessment Examination and passing a hands-on lab demonstration of assessment skills. Indicated with an asterisk. (Satisfactory/ No Credit.)

REVISE REQUIREMENTS FOR RN TRACK - BACHELOR OF SCIENCE IN NURSING AND TOTAL HOURS

	Hours Credit
333 Health Assessment.....	3
Formerly: 333* Health Assessment.....	3
Electives.....	2
Formerly: Electives.....	3
	Total 122

REVISE GERONTOLOGY MINOR (CLARIFY ELECTIVE LIST FOR DARS PROGRAMMING)

Required Courses

9 hours from CFS 312, Health 406, 465, Nursing 499 and other courses approved through petition by the Interdisciplinary Gerontology Colloquy member coordinating the minor.

Formerly:

9 hours from CFS 312, Health 406, 465, Nursing 499 and other courses approved by the Interdisciplinary Gerontology Colloquy member coordinating the minor.

COLLEGE OF SOCIAL WORK

All changes effective Fall 2009

I. COURSE CHANGES

(905) (SOWK) Social Work

ADD (HONORS VERSION OF 200)

207 Honors: Introduction to Social Work (3) Honors course designed for students seeking advanced professional orientation and development in social work. Course focuses on the professional mission, knowledge, skills and values of the profession as well as client groups, helping services, practice skills and methods.

ADD (HONORS VERSION OF 314)

* **317 Honors: Human Behavior in the Social Environment (3)** Honors version of Social Work 314. Course is enriched for high-achieving students. *(WC)*

(RE) Prerequisite(s): English 101 and English 102.

Comment(s): Progression or consent of instructor required.

ADD (HONORS VERSION OF 316)

318 Honors: Understanding Diversity in a Global Society (3) Honors version of Social Work 316. Course is enriched for high-achieving students.

Comment(s): Progression or consent of instructor required.

ADD (HONORS VERSION OF 410)

417 Honors: Social Work Research (3) Scientific method and research strategies to evaluate one's practice and/or social service delivery with an emphasis on development and implementation of a research project.

(RE) Prerequisite(s): Mathematics 115 or Psychology 385.

(RE) Corequisite(s): 480.

Comment(s): Progression required. Social work majors not involved in the honors concentration may register with permission of the instructor.

Registration Restriction(s): Social work major - honors concentration.

ADD (HONORS VERSION OF 460)

467 Honors: Integrative Seminar (3) Advanced social work content for professional practice and current issues influencing the profession. Includes development of a portfolio reflecting BSSW competencies and completion of a research project.

(RE) Prerequisite(s): 417 and 480.

(RE) Corequisite(s): 481.

Comment(s): Progression required. Social work majors not involved in the honors concentration may register with permission of the instructor and successful completion of Social Work 417 with a grade of B or above.

Registration Restriction(s): Social work major - honors concentration.

REVISE DESCRIPTION

460 Integrative Seminar (3) Social work content for entry-level professional practice and current issues influencing the profession. Includes development of a portfolio reflecting BSSW competencies and completion of a research-based assignment.

Formerly: Social work content for entry-level professional practice and current issues influencing the profession. Includes development of a portfolio reflecting BSW competencies and research development and presentation.

II. PROGRAM CHANGES

◆ ADD HONORS CONCENTRATION

On page 180 of the 2008-2009 *Undergraduate Catalog*, add the following section

HONORS CONCENTRATION

The honors concentration provides highly motivated social work majors with the opportunity to pursue advanced course work and complete a senior research project. All declared social work majors with a cumulative grade point average of at least 3.25 are invited to participate in the honors concentration. To graduate with honors, social work majors must complete 12 hours of honors work including at least 9 hours of social work honors courses. Students completing the honors concentration must take Social Work 417 and Social Work 467 and complete a senior research project. A grade of B or above must be earned in all honors courses and students must maintain an overall grade point average of 3.25.

Students interested in honors at any level should consult with their academic advisor or the BSSW program director about participation in the honors concentration.

REVISE COLLEGE OF SOCIAL WORK PROGRESSION REQUIREMENTS

On page 180 of the 2008-2009 *Undergraduate Catalog*, revise to:

Progression Requirements

Students admitted to the university may request a faculty advisor from the College of Social Work. Prior to enrolling in upper-division social work courses, students in the college must successfully complete Social Work 200 or 207 and 250 with a grade of C or better, be in good academic standing, and have fulfilled most lower-division and General Education course requirements. Students in the college are encouraged to participate in community service and/or volunteer activities at a social service agency in advance of upper division social work course work. Students are advised that several field placement agencies and licensing boards require successfully passing a criminal background check.

Formerly:

Students admitted to the university may request a faculty advisor from the College of Social Work. Prior to enrolling in upper-division social work courses, students in the college must successfully complete Social Work 200 and 250 with a grade of C or better, be in good academic standing, and have fulfilled most lower-division and General Education course requirements. Students in the college are encouraged to participate in community service and/or volunteer activities at a social service agency in advance of upper-division social work coursework. Students are advised that several field placement agencies and licensing boards require successfully passing a criminal background check.

REVISE REQUIREMENTS FOR BACHELOR OF SCIENCE IN SOCIAL WORK (FIRST, THIRD, FOURTH YEARS) AND FOOTNOTES

On page 180 of the 2008-2009 *Undergraduate Catalog*, revise to

First Year

Social Work 200 or 207..... 3

Formerly: Social Work 200.....3

Third Year

Social Work 314* or 317*..... 3

Formerly: Social Work 312, 313, 314*.....9

Social Work 316 or 318..... 3

Formerly: Social Work 316.....3

Fourth Year

Social Work 410 or 417..... 3

Social Work 416..... 3

Formerly: Social Work 410, 416.....6

Social Work 460 or 467..... 3

Formerly: Social Work 460.....3

* Meets University General Education requirement.

¹ Students are required to complete a two-course sequence in a foreign language at the intermediate level. Educational Interpreting 223 (American Sign Language I) and 226 (American Sign Language II) will fulfill the Foreign Language requirement but will not meet the University General Education requirement.

² See Arts and Humanities—University General Education Requirement. Select two courses from the list.

³ One of the following sequences may be selected: Africana Studies 235-236; History 241-242, 261-262; Latin American Studies 251-252; Medieval Studies 201-202; Religious Studies 101-102.

Formerly:

* Meets University General Education requirement.

¹ Students are required to complete a two-course sequence in a foreign language at the intermediate level. Educational Interpreting 223 and 226 will fulfill the foreign language requirement but will not meet the University General Education Requirement.

² See Arts and Humanities—University General Education Requirement. Select two courses from the list in the Undergraduate Catalog.

³ One of the following sequences may be selected – Africana Studies 235-236; Asian Studies 101-102; History 241-242; History 261-262; Latin American Studies 251-252; Medieval Studies 201-202; Religious Studies 101-102.

GENERAL EDUCATION COMMITTEE REPORT

Wednesday, December 3, 2008, and Wednesday, January 14, 2009
8:30 am, UC 220

- At the December meeting John Romeiser reported on the activities of the Campus Sustainability Committee with regards to impact on General Education. We're open to these new initiatives and will work with the committee in the future to see how we can recognize and incorporate their ideas into Gen Ed courses.
- The following courses were approved or reapproved for Gen Ed:
 - WC
 - Forestry 327 Honors: Wildland Recreation (Honors version of 321)
 - Architecture 213 Modern Architecture: Histories And Theories
 - Art History 402 Seminar in Art History II (was 376)
 - English 257 Honors: Public Writing (Honors version of 255)
 - English 357 Honors: Rhetoric and Writing (Honors version of 355)
 - English 367 Honors: Writing Poetry (Honors version of 363)
 - English 368 Honors: Writing Fiction (Honors version of 364)
 - English 497 Honors: Senior Seminar (Honors version of 499)
 - English 206 Introduction to Shakespeare
 - English 499 Senior Seminar
 - Sociology 260 Introduction to the Study of Environmental Issues
 - Sociology 495 Social Justice and Community Service
 - Child and Family Studies 405 Development of Professional Skills
 - Nuclear Engineering 401 Radiological Engineering Laboratory (was 304)
 - Nuclear Engineering 402 Nuclear Engineering Laboratory (was 403)
 - Social Work 317 Honors: Human Behavior in the Social Environment (Honors version of 314)
 - OC
 - Communication Studies 217 Honors: Public Speaking (Honors version of 210)
 - Communication Studies 247 Honors: Business and Professional Communication (Honors version of 240)
 - Child and Family Studies 405 Development of Professional Skills
 - Mechanical Engineering 410 Professional Topics
 - QR
 - Computer Science 102 Introduction to Computer Science
 - NS
 - Microbiology 210 General Microbiology
 - Engineering Fundamentals 151 Physics for Engineers I (Add)
 - Engineering Fundamentals 152 Physics for Engineers II (Add)
 - Engineering Fundamentals 157 Honors: Physics for Engineers I (Add)
 - Engineering Fundamentals 158 Honors: Physics for Engineers II (Add)

AH

- English 206 Introduction to Shakespeare

SS

- Agricultural Economics 201 Economics of the Global Food and Fiber System (Add)
- Sociology 117 Honors: Social Justice and Social Change
- Sociology 127 Honors: General Sociology (Comments)
- Child and Family Studies 210 Human Development

CC

- French 223 Intensive Intermediate French (6) (Combo: 211 & 212)
- French 211 Intermediate French I
- French 218 Honors: Intermediate French II
- German 223 Intensive Intermediate German (6) (Combo: 201 & 202)
- German 201 Intermediate German I
- Italian 223 Intensive Intermediate Italian (6) (Combo: 211 & 212)
- Italian 211 Intermediate Italian I
- Portuguese 223 Intensive Intermediate Portuguese (6) (Combo: 211 & 212)
- Portuguese 211 Intermediate Portuguese
- Spanish 223 Intensive Intermediate Spanish (6) (Combo: 211 & 212)
- Spanish 211 Intermediate Spanish I
- The following were dropped:
 - Art History 376 Seminar in Art History (WC)
 - Nuclear Engineering 304 (WC)
 - Nuclear Engineering 403 (WC)
 - Asian Studies 101 Asian Civilization (CC)
 - Asian Studies 102 Asian Civilization (CC)
- English 118 Honors: English Composition should be marked as WC in the Courses of Instruction listing but not listed as a WC course in the general education list.
- Wording was changed in Cultures and Civilizations to allow for new intensive courses:
add to pg. 21
or
(3) taking a six-hour intensive foreign language course at the intermediate level
and listing the 5 intensive courses in a section.
- New policies regarding General Education for students enrolling for a 2nd degree and for students enrolling who have completed a Associate of Arts of Associate of Sciences degree from a Tennessee Board of Regents (TBR) Community College. (see attached statements).

Background: For AA/AS TBR students, this started under Dr. Holub and his SAKI program (Student Access to Knoxville Initiative) and then was reinforced when the state legislature passed a law requiring a seamless transition from 2-year TBR schools to the UT

system. This policy is a compromise as the General Education requirements of the TBR schools differ from ours in both the particular courses counted and in the distribution of those courses. The advantage we gain is that it provides access to UT for a wider variety of students, and students who have completed their AA or AS degrees have a record of success at UT comparable to those that spend their first 2 years on our campus.

Next meeting will be held Wednesday, February 11, at 8:30 am in UC 220.

REVISED GENERAL EDUCATION POLICIES

REVISE SECOND BACHELOR'S DEGREE POLICY

On page 46 of the 2008-2009 *Undergraduate Catalog*, revise to:

Second Bachelor's Degree Guidelines

A student holding a bachelor's degree from a regionally accredited institution of higher learning may receive a second bachelor's degree from the University of Tennessee, Knoxville, by satisfying the following.

- Meet all requirements of both degrees.
- Complete at least 30 semester hours in addition to the total hours required for the first bachelor's degree.
- Declare the intention to work for a second bachelor's degree with the Office of the University Registrar when application is made for the second degree.

Students are able to enroll in additional post-baccalaureate coursework in lieu of pursuing a second baccalaureate degree. Students are further encouraged to pursue graduate studies toward an advanced degree. Once a bachelor's degree has been awarded, a student may not add a second bachelor's degree in the same major as the first bachelor's degree even if the student wants to pursue a different concentration in that major. A student may not receive a second bachelor's degree in a major that has already been awarded as a minor in a first bachelor's degree.

General Education Requirements

A student holding a bachelor's degree from a regionally accredited institution of higher learning who enrolls at the University of Tennessee, Knoxville, intending to work toward a second bachelor's degree will be considered to have fulfilled the general education requirement established by the faculty at the University of Tennessee, Knoxville. Students should be aware that many majors require completion of an intermediate level sequence of a foreign language, and some majors require more stringent math and science requirements than may have been required by their previous institution. Students should review the detailed transfer information on majors/degrees for the specific requirements of their prospective UT major at: <http://registrar.tennessee.edu/transfer/agreements.shtml>

Formerly:

Second Bachelor's Degree

A student who holds a bachelor's degree may receive a second bachelor's degree from the University of Tennessee, Knoxville, by satisfying the following.

- Meet all requirements of both degrees.
- Complete at least 30 semester hours in addition to the total hours required for the first bachelor's degree.
- Declare the intention to work for a second bachelor's degree with the Office of the University Registrar when application is made for the second degree.

Students are able to enroll in additional post-baccalaureate coursework in lieu of pursuing a second baccalaureate degree. Students are further encouraged to pursue graduate studies toward an advanced degree. Once a bachelor's degree has been awarded, a student may not add a second bachelor's degree in the same major as the first bachelor's degree even if the student wants to pursue a different concentration in that major. A student may not receive a second bachelor's degree in a major that has already been awarded as a minor in a first bachelor's degree.

ADD NEW TRANSFER POLICY

On page 46 of the 2008-2009 *Undergraduate Catalog*, add the following policy after Second Bachelor's Degree policy:

General Education Equivalencies for Associate of Arts and Associate of Science Degree Students from TBR Community Colleges

Upon earning the Associate of Arts (AA) or the Associate of Science (AS) degree, graduates of the Tennessee Board of Regents Community College System will have fulfilled the general education requirement established by the faculty at the University of Tennessee, Knoxville.

Transfer of general education courses from the TBR Community Colleges is guaranteed through the following guidelines:

- Upon completion of the AA or AS degree, the requirements of general education will be complete and accepted by the University of Tennessee in the transfer process without the loss of credit.
- Upon completion of the AA or AS degree at a TBR Community College, transfer credit for D's or higher are granted as part of the transfer process.

Students should be aware that many UT majors require completion of an intermediate level sequence of a foreign language, and some majors require more stringent math and science requirements than required by TBR Community College majors. Following one of the published University of Tennessee articulation agreements is the best path to enter the University of Tennessee with junior standing in a transfer student's chosen UT major.

Transfer students should review the detailed transfer information on major/degree requirements for the specific requirements of their prospective UT major. The link below assist transfer students in determining these requirements. Transfer articulation websites <http://registrar.tennessee.edu/transfer/agreements.shtml>

If an Associate of Arts or Associate of Science degree is not obtained, transfer of general education courses will be based on a course-by-course evaluation.