



**UNDERGRADUATE CURRICULUM REVISIONS  
Effective, Spring 2012**

*Proposal no. UNIV-11-U-03*

**Clarify the Mathematics section in the General Requirements for Graduation with a Baccalaureate Degree.**

Mathematics (Logic, college-level algebra equivalent or above) (^*Mathematics*):

Required: 3 semester credit hours

Select one course from:

MATH 1314, MATH 1324, MATH 1334 or any 13XX or 24XX math course for which one of these courses is in the prerequisite chain.

Objective: An ability to reason analytically and demonstrate basic mathematical skills and knowledge.

DICK AND MARY LEWIS KLEBERG COLLEGE OF AGRICULTURE, NATURAL  
RESOURCES AND HUMAN SCIENCES

**Department of Agriculture, Agribusiness and Environmental Sciences**

*Proposal no. AGBU-10-U-01*

**Proposed catalog changes:**

[Degree plan: see p. 6]

[p. 92, first paragraph]

The Department of Agriculture, Agribusiness, & Environmental Sciences prepares students from both rural and urban backgrounds for employment in agribusiness, agriculture education, agricultural or environmental technology, horticulture, government service and production agriculture. The Department offers B.S. degrees in three majors: Agribusiness (AGBU), Agriculture Science (AGSC) and Plant and Soil Science (PLSS). Plant and Soil Science majors specialize in one of three options: Agronomy, Horticulture, or Environmental Soil Science. Agriculture Science majors specialize in one of three options: Agriculture Science and Technology with teacher certification, General Agriculture, or Wildlife Recreational Entrepreneurship (the Wildlife Recreational Entrepreneurship (WREN) option is not to be confused with the Range and Wildlife Management degree). Agribusiness majors specialize in either Agribusiness or Agribusiness-Ranch Management.

### **Proposed changes:**

Modifications of B.S. degree plan in Agribusiness to create new degree: Agribusiness-Ranch Management.

1. Change MATH 1324 (Fr. 1<sup>st</sup>) to MATH 1314.
2. Move MATH 1325, Fr. 2<sup>nd</sup> to So. 1<sup>st</sup>; AGBU 2317, So. 2<sup>nd</sup> to Fr. 2<sup>nd</sup>; ECON 2301 and PLSS 1407, So. 1<sup>st</sup> to So. 2<sup>nd</sup>; ^*Oral communication*, Jr. 1<sup>st</sup> to So. 1<sup>st</sup>; ^*Literature/philosophy*, Jr. 1<sup>st</sup> to So. 2<sup>nd</sup>; AGBU 3350, Jr. 2<sup>nd</sup> to Jr. 1<sup>st</sup>; AGBU 4350 and AGBU 4360, Sr. 1<sup>st</sup> to Jr. 2<sup>nd</sup>; ANSC 1419, Sr. 1<sup>st</sup> to So. 1<sup>st</sup>.
3. Change CHEM 1405 (Fr. 2<sup>nd</sup>) to CHEM 1311/1111.
4. Change: ACCT 2301 (So. 1<sup>st</sup>), and ACCT 2302 and ECON 2302 (So. 2<sup>nd</sup>) to ANSC 2310 and RWSC 2323 (Jr. 1<sup>st</sup>), and RWSC 3380 (Sr. 1<sup>st</sup>); MKTG 3361 (Jr. 1<sup>st</sup>) to AGBU 3371 (Sr. 1<sup>st</sup>); BCOM 3304, FINC 3337, and MGMT 3311 (Jr. 2<sup>nd</sup>) to ANSC 2307, RWSC 2330, and RWSC 3328 (Jr. 2<sup>nd</sup>).
5. Change AGBU 3360 (Jr. 2<sup>nd</sup>) to ANSC 3304 or ANSC 3308 or ANSC 3390 (Sr. 1<sup>st</sup>).
6. Change Kinesiology (Sr. 1<sup>st</sup> and 2<sup>nd</sup>) to ANSC 3304 or ANSC 3308 or ANSC 3390 (repeated in Sr. 2<sup>nd</sup>).
7. Change Ag., adv. (Sr. 1<sup>st</sup>) to RWSC 4382 (Sr. 2<sup>nd</sup>).
8. Change AGBU 3390 (Sr. 2<sup>nd</sup>) to RWSC 4319.
9. Change Elective, adv. (Sr. 2<sup>nd</sup>) 3 SCH to Elective, adv. (Sr. 1<sup>st</sup>) 2 SCH.
10. Change CISA 1301 (So. 2<sup>nd</sup>) to ^*Global learning*.
11. Change AGBU 4390 (Sr. 2<sup>nd</sup>) to AGBU, adv. Sr. 1<sup>st</sup>.

#### Proposal no. AGRI-11-U-01

**AGRI 4350.** Collective Leadership in Agriculture, Natural Resources, and Human Sciences.

**Change course number, prerequisite, title and description.** **3(3-0)**

Through case studies, reflective analysis, scenario learning and service learning, students will develop leadership skills in a systems thinking approach to issues in agriculture, natural resources, and human sciences, by application of knowledge in real world contexts. Students will acquire an understanding of the inextricable relationship among agriculture, natural resources, human sciences, and society. Prerequisite: senior standing. *Abbrev. Banner title: Collective Leadership in ANRHS.*

#### Department of Animal, Rangeland and Wildlife Sciences

##### Proposal no. ANSC-09-U-01

**Modify degree plan for ANSC.**

1. Remove AGRI 4171 (Sr. 2nd).
2. Increase SCH of ANSC 3995 (Jr. 2nd) from 2 SCH to 3 SCH.
3. Replace Ag., adv. (Sr. 2nd) with AGRI 3350.
4. Correct ANSC3308 (Jr. 1st) to ANSC 3308 and add comma following ANSC 3308.

Proposal no. ANSC-09-U-02

**Modify degree plan for ANSC-Pre-Vet.**

1. Replace Ag. or BIOL, adv. (Sr. 2nd) with AGRI 3350.
2. Change ANSC, adv. (Sr. 2nd) to ANSC or BIOL, adv.
3. Add comma before “or” in ANSC lists (Sr. 1st and 2nd).

Proposal no. ANSC-11-U-01

**Modify Degree Requirements for the Bachelor of Science in Agriculture, Animal Science.**

1. Replace ^*Oral communication* (So. 1<sup>st</sup>) with COMS 1315.
2. Replace ^*Global learning* (So. 2<sup>nd</sup>) with AGRI 2372.
3. Replace STAT 4301 (Sr. 1<sup>st</sup>) with STAT 4301 or \*ANSC 3390 and add footnote: \*When topic is Statistics in Agriculture.
4. Add comma following ANSC 3309, preceding “or” in choice listing (Jr.1<sup>st</sup>) and following ANSC 3308, preceding “or”, in choice listing (Jr. 2<sup>nd</sup>).

Proposal no. ANSC-11-U-02

**Modify Degree Requirements for the Bachelor of Science in Agriculture, Animal Science-Pre-Vet.**

1. Replace ^*Oral communication* (So. 1<sup>st</sup>) with COMS 1315.
2. Replace ^*Global learning* (Jr. 1<sup>st</sup>) with AGRI 2372.
3. Replace STAT 4301 or MATH 2413 (Sr. 1<sup>st</sup>) with STAT 4301, MATH 2413, or \*\*ANSC 3390 and add new footnote \*\*When topic is Statistics in Agriculture.
4. Modify first footnote to read Admission to the College of Veterinary Medicine at Texas A&M University requires two additional courses, CHEM 3125 and CHEM 4342.

Proposal no. ANSC-11-U-03

**Modify Degree Plans for the Bachelor of Science in Agriculture, Animal Science and Animal Science-Pre-Vet.**

(See page 4, for the Animal Science Degree Plan)

(See page 6, for the Animal Science-Pre-Vet Degree Plan)

Replace ANSC 3302, ANSC 3304, ANSC 3308, or ANSC 4305 [Jr. 1<sup>st</sup> and 2<sup>nd</sup> ANSC Degree Plan and Sr. 1<sup>st</sup> and 2<sup>nd</sup> ANSC-Pre-Vet Degree Plan] with †ANSC Management; add footnote to both ANSC and ANSC-Pre-Vet degree plans to read †ANSC Management courses include ANSC 3302, ANSC 3304, ANSC 33XX [3306, ANSC-11-U-4], ANSC 3308, and ANSC 4305; the student must choose two.

Proposal no. ANSC-11-U-04

**ANSC 3306. Equine Management. New course.**

**3(3-0)**

Principles of equine management, including conformation, nutrition, reproduction, health, and general management practices. Prerequisites: ANSC 2307 and ANSC 2310.

Proposal no. RWSC-10-U-01

**RWSC 1110.** Wildlife Sciences Profession. **New course.** **1(1-0)**  
Elementary studies introducing the wildlife profession. Emphasis on departmental requirements, certification and careers, and species identification and taxonomy of North American wildlife.

Proposal no. RWSC-11-U-01

**RWSC 4385.** Human Dimensions and Wildlife Conflict Resolution. **New course.** **3(3-0)**  
Beliefs, attitudes, and behaviors relative to wildlife and wildlife conflicts are examined in the context of natural resource planning, decision-making, and actions. Introduction to theory and practice of assessing and controlling human-wildlife conflicts. Prerequisites: 9 semester hours of range and wildlife management and junior standing. *Abbrev. Banner title: Human Wildlife Conflict Res.*

Proposal no. RWSC-11-U-02

**Modify degree plan, Range and Wildlife Management-Wildlife Management**

1. Add RWSC 11XX[1110 preferred, RWSC-10-U-1] to Fr. 1<sup>st</sup>.
2. Replace +Elective 3-4 (Sr. 1<sup>st</sup>) with +Elective 2-3 and change second footnote to “+If ANSC 3335 is chosen then a third hour of elective must be included.”

Department of Human Sciences

Proposal no. HSCI-11-U-01

**HSCI 2334.** Social Responsibility and Apparel. **New course.** **3(3-0)**  
Examination of social responsibility in the global textile and apparel industries. *Abbrev. Banner Title: [Social Responsibility Apparel]*

Proposal no. HSCI-11-U-02

**HSCI 2335.** Apparel Construction. **New course.** **3(1-4)**  
Basic sewing and construction skills; including understanding a variety of sewing techniques as well as following patterns.

Proposal no. HSCI-11-U-03

**HSCI 3336.** Fashion Illustration. **New course.** **3(3-0)**  
Elements and principles of design in hand and computer rendered fashion illustrations using a variety of media. Prerequisite: ARTS 1311 or ARTS 1316 or permission of instructor.

Proposal no. HSCI-11-U-04

**HSCI 4335.** Flat Pattern. **New course.** **3(1-4)**  
Drafting of apparel patterns and incorporating construction techniques. Using apparel drafting tools and techniques to create original garments. Prerequisite: HSCI 2335 [Apparel Construction, HSCI-11-U-2]

Proposal no. HSCI-11-U-05

**HSCI 4336.** Apparel Product Development. **New course.** **3 (3-0)**

Consumer behavior and merchandising, exploring the acceptance or rejection of apparel, with emphasis on the process by which fashion apparel is developed and distributed. Prerequisite: HSCI 3336 [Fashion Illustration, HSCI-11-U-3].

Proposal no. HSCI-11-U-06

**HSCI 4339.** Fashion Entrepreneurship. **New course.** **3 (3-0)**

Prepare individuals for the steps involved in opening their own retail store. Information on entrepreneurship provided with emphasis on activities necessary in the completion of a business plan. Prerequisites: ACCT 2301, ECON 2301, HSCI 1330.

Proposal no. HSCI-11-U-07

**HSCI 3332.** Quantitative Buying Methods. **Change course prerequisite.** **3(3-0)**

Principles and application of basic mathematical calculations performed by buyers of fashion merchandise and other analytical skills related to the fashion and similar industries. Prerequisite: MATH 1314 or MATH 1324.

Proposal no. HSCI-11-U-08

**HSCI 3340.** Residential Analysis. **Change course prerequisite.** **3(3-0)**

Evaluation and analysis of residential interior environments, including analysis of activities, major elements and materials. Prerequisite: 3 semester hours of ARTS.

Proposal no. HSCI-11-U-09

**HSCI 4330.** Promotional Strategies in Merchandising. **Change course prerequisites.** **3(3-0)**

Overview of promotional activities as they support the merchandising function; emphasis on planning, creating and evaluating visual displays and other promotional materials. Prerequisite: ARTS 2313 or ITEN 1311.

Proposal no. HSCI-11-U-10

**HSCI 4331.** Clothing in Society. **Change course prerequisite.** **3(3-0)**

An exploration of the sociological, economic, psychological and cultural aspects of wearing apparel. Prerequisite: PSYC 2301 or SOCI 1301.

Proposal no. HSCI-11-U-11

**HSCI 4340.** Historic Structures and Interiors. **Change course prerequisite.** **3(3-0)**

Survey of period design in architectural structures, interiors and furnishings from antiquity through the present. Prerequisite: junior standing [or completion of ^Visual/performing arts]

Proposal no. HSCI-11-U-12

**Modify Fashion and Interiors Merchandising degree program.**

1. Add MATH 1314 as option freshman 1st; change MATH 1324 freshman 1st to MATH 1314 or Math 1324.
2. Add ARTS 1316 as option freshman 2nd; change ARTS 1311 freshman 2nd to ARTS 1311 or ARTS 1316.

3. Drop CHEM 1407 freshman 2nd; add ^Natural Science freshman 2nd.
4. Drop CISA 2302 junior 1st; add Elective junior 1st.
5. Drop MKTG 3361 junior 1st; add HSCI 33XX junior 1st.
6. Drop MGMT 3311 junior 2nd; add Elective junior 2nd.
7. Drop MGMT 4327/MKTG 3325/3362 senior 1st; add Advanced Elective senior 1st.
8. Drop MKTG 4350/4363/ARTS 1303/1304 senior 2nd; add Advanced Elective senior 2nd.
9. Drop HSCI 2340 sophomore 2nd; add HSCI 23XX sophomore 2nd.
10. Drop HSCI 3331 junior 2nd; add HSCI 43XX junior 2nd.
11. Drop HSCI 4332 senior 1st; add HSCI 43XX senior 1st.
12. Drop HSCI 4333 senior 2nd; add HSCI 43XX senior 2<sup>nd</sup>.

Proposal no. HSCI-11-U-13

**Modify degree plan for Human Development and Family Studies**

1. Drop MGMT 3311 Principles of Management (3) and ACCT 2301 Fundamentals of Accounting I (3) in the first semester junior year.
2. Add EDHL 2327 Environmental Health and Safety (3) or EDHL 4344 Health and Aging (3) in the first semester junior year.

Proposal no. HSCI-11-U-14

**Modify Family and Consumer Science Education leading to Teacher Certification degree program.**

1. Change CHEM 1407 (Fr. 2<sup>nd</sup>) to ^Natural sciences.
2. Change ENGL 2314 (So. 2<sup>nd</sup>) to HSCI 33XX [3370; see HSCI-11-U-15] (Jr. 1<sup>st</sup>) and move HSCI 2350 (Jr. 1<sup>st</sup>) to sophomore 2<sup>nd</sup>.
3. Drop HSCI 2340 (Jr. 1<sup>st</sup>).
4. Change HSCI 3331 (Sr. 1<sup>st</sup>) to HSCI 23XX [2335; see HSCI-11-U-2] (Jr. 1<sup>st</sup>) and move HSCI 4360 (Jr. 1<sup>st</sup>) to Sr. 1<sup>st</sup>.
5. Drop HSCI 4311 senior 2<sup>nd</sup>.
6. Change program name from Family and Consumer Science Education leading to Teacher Certification to Human Sciences – Family and Consumer Sciences Education.

Proposal no. HSCI-11-U-15

**HSCI 3370.** Trends and Issues in Human Sciences. **New course.** **3(3-0)**  
 Historic issues and contemporary trends in human sciences; philosophical base of family and consumer sciences. Prerequisites: ENGL 1301 and ENGL 1302. *Abbrev. Banner Title: Trends Issues Human Sciences.*

COLLEGE OF ARTS AND SCIENCES

**Department of Art, Communication and Theatre Arts**

Proposal no. ARTS-10-U-01

**ARTS 4369.** Experimental and Underground Film. **New course.** **3(2-2)**

Experimental and underground films in the United States. Avant-garde genres and their influence on the broader film culture; film language, iconography, technique, and style of experimental and/or underground film. Credit may not be earned in both ARTS 4369 and COMM 4369. Prerequisite: 6 semester hours of advanced coursework in film, or consent of the instructor.

Proposal no. COMM-10-U-01

**COMM 4307. Hispanics in the Media. New course. 3(3-0)**  
Provides historically accurate information about the impact of Spanish-language media in the United States and develops appreciation for diversity and knowledge of Latino subcultures of the United States. Prerequisite: 6 semester hours of communication, journalism and/or speech.

Proposal no. COMM-10-U-02

**COMM 3302. Sportswriting and Reporting. New course. 3(3-0)**  
An overview of sports journalism; writing, reporting, interviewing, and editing skills. Game stories, advances, follow-up stories, feature and human-interest stories, and columns. Analysis of successful sportswriters. Writing for newspapers, magazines, online and social media, from Little League to the Olympics. Prerequisite: COMM 2311 or consent of the instructor.

Proposal no. COMM-10-U-05

**COMM 4311. American Public Address. New course. 3(3-0)**  
The nature and function of rhetorical criticism, explored through the systematic study of important American speeches. Prerequisite: COMS 1311 or COMS 1315.

Proposal no. COMM-10-U-06

**COMM 4312. Research in Mass Communication. New course. 3(3-0)**  
Systematic study of mass communication/journalism. Quantitative and qualitative methods of research. Prerequisite: 6 semester hours of communication, journalism and/or speech.

Proposal no. COMM-10-U-8

**COMM 2309. Editing. Change course description and prerequisites. 3(2-3)**  
Theory and current practice in design for print and online media sites. Copy reading, proofreading, headline writing, design, picture editing, and online media software. Extensive practice with electronic copy processing systems. Prerequisite: COMM 2311 or permission of instructor.

Proposal no. COMM-10-U-9

**COMJ 2427. Photojournalism. Delete course. 4(3-2)**  
Basic techniques of film, exposure, development, flash, filters and printing and composition as they relate to press photography.

Proposal no. COMM-10-U-10

**Add an Interdisciplinary Minor in Film Studies to the list of approved minors for the College of Arts and Sciences.**

Proposal no. COMM-10-U-11

**COMM 3369. Hispanics and Film. New course.** 3(2-2)

Hispanic-themed and Spanish-language films in the United States; their impact on the perception of Hispanics. Hispanic pioneers in the motion picture industry and their influence on American character and culture. Prerequisite: 3 semester hours of communication, journalism or speech.

Proposal no. COMM-10-U-12

**COMM 4369. Experimental and Underground Film. New course.** 3(2-2)

Experimental and underground films in the United States. Avant-garde genres and their influence on the broader film culture; film language, iconography, technique, and style of experimental and/or underground film. Credit may not be earned in both COMM 4369 and ARTS 4369. Prerequisite: 6 semester hours of advanced coursework in film, or consent of the instructor.

Proposal no. COMM-10-U-13

**COMM 3368. Classic Horror Films. New course.** 3(2-2)

Themes of the classic horror film genre. Includes critical viewing and analysis of classic films, classic sequels, classic remakes, international remakes, and comic spin-offs. Prerequisite: 3 semester hours of communication, journalism or speech.

Proposal no. COMM-10-U-14

**COMM 3367. Classic American Cinema. New course.** 3(2-2)

Critical viewing and analysis of classic American cinema prior to 1970. Focuses on widely acclaimed classic films that shaped both American cinema and American culture. Prerequisite: 3 semester hours of communication, journalism or speech.

Proposal no. COMM-10-U-15

**COMM 4366. History of Cinema I. New course.** 3(2-2)

Basic trends in film history in the United States and around the world, from the emergence of the studio system about 1915 through the end of the Second World War. Prerequisite: 6 semester hours of film coursework at the 3000/4000 level or consent of the instructor.

Proposal no. COMM-10-U-16

**COMM 4367. History of Cinema II. New course.** 3(2-2)

Basic trends in film history in the United States and around the world, from the end of the Second World War through the 1970s. Prerequisite: 6 semester hours of film coursework at the 3000/4000 level or consent of the instructor.

Proposal no. COMM-10-U-17

**COMM 4371. Documentary Video Production. New course.** 3(2-2)

Storytelling in the digital age: the design, creation, and production of digital video documentaries. Includes management and production skills and practical exercises. Prerequisites: COMS 4335 and permission of the instructor.



Proposal no. COMM-10-U-20

**COMJ 3327.** Digital Photojournalism. **New course** **3(2-3)**

Technical and artistic aspects of digital photography and digital photojournalism. Storytelling through the lens; analysis of photographic images. Prerequisites: 6 semester hours of COMM, COMJ, and/or ARTS.

**Department of History, Political Science and Philosophy**

Proposal no. PHIL-10-U-01

**PHIL 2303.** Introduction to Logic and Critical Thinking. **Change course number, description and title.** **3(3-0)**

Surveys inductive and deductive reasoning and the lexicon of scientific explanation. Topics include fallacies of reasoning, syllogistics, propositional logic, and aspects of moral and legal reasoning. *Abbrev. Banner title: [Logic and Critical Thinking]*

Proposal no. PHIL-10-U-02

**PHIL 3346.** Symbolic Logic. **New course.** **3(3-0)**

Surveys propositional and quantificational logic. Topics include translations between formal languages and English, logical consequence, formal methods of proof and elements of metatheory. Prerequisite: PHIL 2303[Proposal 10-U-01] or 3 semester hours of MATH

**Department of Mathematics**

Proposal no. MATH-08-U-03

**STAT 4390.** Selected Topics in Statistics. **New course.** **3(3-0)**

Topics in statistics not adequately covered in regular courses. This course may be repeated for credit as topic changes. Prerequisite: 3 semester hours of advanced mathematics or statistics.

Proposal no. STAT-11-U-01

**Establish a joint SAS Certification Program between the Department of Mathematics and Statistical Analysis System (SAS) Institute, Inc.**

**[To appear after the list of approved minors, p. 123]**

Certificates

The Department of Mathematics offers an undergraduate SAS Certification Program jointly with SAS Institute, Inc. See Department of Mathematics pages for details.

**[To appear within the Dept. of Mathematics pages, p. 162, after “Students are allowed to register...” and before “MATHEMATICS (MATH)”]**

Undergraduate Certificate in SAS Programming and Data Analysis

### **Admission Requirements**

The certification is open to all degree seeking undergraduate students as well as those registered as non-degree-seeking (transient) students. A student must be in good academic standing in pursuit of his or her current degree and may not be on academic probation of any kind. A student must have earned a grade of B or higher in a 1000-level introductory statistics course or its equivalent (must receive approval of the certificate director). Courses offered at TAMUK that meet this requirement include STAT 1342. Students who have not taken a 1000-level statistics course or equivalent may enroll in one of two courses, STAT 4301 or STAT 4303, as a prerequisite to the certificate program. Students who have earned a grade of B or higher in STAT 4301 or STAT 4303 will also have that course counted toward one of the three elective courses for SAS certification, provided the instructor of these two courses also covers the corresponding SAS material appropriate for these courses.

### **Application Procedure**

Students apply to the certification program via an online form accessible on the department's website. The form is automatically sent to the program director no later than four weeks after the start of the last class in the certificate sequence. A student's standing relative to the certificate requirements will be evaluated, and, if the student is qualified, he or she will be sent specific instructions on required evaluation materials to complete certification. In case the student is not qualified, or is deemed to be making insufficient progress toward the certificate, he or she will be notified accordingly.

### **Program of Studies**

The undergraduate certificate requires 12 credit hours consisting of one 4000-level core course and three elective courses selected from the list below with a minimum of a B grade in each course. All elective courses are at the 4000 level and (will) have a SAS component. Courses in the certificate program are shown below. Most of these courses will initially be taught as STAT 4390: Special Topics courses.

Core Course (Required):

STAT 4390-Topic (Core) [has existed as MATH 4390-Topic] Statistical Computing

#### **Elective Courses (Select Three):**

STAT 4390-001: Analysis of Research Data [has existed as MATH 08-U-03: Analysis of Research Data]

STAT 4301 Biostatistics

STAT 4303 Statistical Methods

Additional Courses are in preparation and will be added as needed.

### **Department of Music**

*Proposal no. MUSI-10-U-19*

**MUSI 2263. Jazz Improvisation I. Change course number, title, hours, description and prerequisites. 2(2-0)**

Basics of jazz improvisation, using and applying the knowledge and concepts of jazz theory. Prerequisite: MUSI 1213 [Reference Proposal MUSI-10-U-15].

Proposal no. MUSI-10-U-20

**MUSI 2264.** Jazz Improvisation II. **Change course number, title, hours, description and prerequisites.** **2(2-0)**

A continuation and practical application of elements of Jazz Improvisation I. Prerequisite: MUSI 2263. [Formerly MUSI 1163; Reference Proposal 10-U-19]

**Department of Psychology and Sociology**

Proposal no. SOCI-10-U-01

**SOCI 4345.** Sociology of Religion. **New course.** **3(3-0)**

World religions in the context of social, cultural, and ideological perspectives that impact social life in a global world. Prerequisites: junior standing or permission of the instructor.

Proposal no. SOCI-10-U-02

**SOCI 4348.** Multicultural Groups in the United States. **New course.** **3(3-0)**

Issues of multicultural groups with salient ethnic characteristics. Prerequisites: junior standing or approval of the instructor. *Abbrev title for Banner: Multicultural Groups in the US.*

Proposal no. SOCI-10-U-03

**SOCI 4351.** Urban Sociology. **Change course number** **3(3-0)**

The culture, history, and growth patterns of cities; demographic, ecological patterns and trends. Problems of housing and community organization. Prerequisite: SOCI 1301.

Proposal no. SOCI-10-U-04

**SOCI 4353.** Social Movements. **New course.** **3(3-0)**

Concepts of social movements; important types of social movements and their relation to the field of collective behavior and social change. Prerequisites: junior standing or permission of the instructor.

COLLEGE OF BUSINESS ADMINISTRATION

**Department of Management and Marketing**

Proposal no. MKTG-11-U-02

**MKTG 4390.** Marketing Management and Technology. **Change course prerequisite.** **3(3-0)**

Capstone Marketing course for majors. Marketing functions in the firm and marketplace from the viewpoint of the marketing manager. Concepts and analytical tools used by marketing managers. Prerequisite: MKTG 3324, MKTG 3364 and MKTG 4350; senior standing.

COLLEGE OF EDUCATION AND HUMAN PERFORMANCE

Department of Health and Kinesiology

Proposal no. EDHL-10-U-03

**EDHL 2124.** CPR and First Aid. **Change course title and description.** **1 (0-3)**  
Current standards and techniques for first aid and cardiopulmonary resuscitation, including bloodborne and airborne pathogen training.

Proposal no. EDHL-10-U-04

**EDHL 3381.** Community Health. **Change course prerequisites.** **3(3-0)**  
Acquaints the student with all aspects of community and public health. Designed to prepare students for planning, implementation and evaluation of health education/health promotion programs in community, health care and worksite settings. Prerequisites: junior standing.

Proposal no. EDHL-10-U-05

**EDHL 3383.** Women's Health. **Change course prerequisites.** **3 (3-0)**  
Medical, historical, legal, environmental, sociological and psychological issues that affect women's health, both past and present. Prerequisite: junior standing.

Proposal no. EDHL-10-U-06

**EDHL 4344.** Health and Aging. **Change course prerequisites.** **3 (3-0)**  
In-depth information regarding the health issues of aging individuals including: physical health, psychological health, legal and ethical issues of health and Medicare/Medicaid. Prerequisite: junior standing.

Proposal no. EDHL-10-U-07

**EDHL 4337.** Disease Entities and Epidemiology. **Change course prerequisites.** **3 (3-0)**  
Cause, epidemiology, prevention and treatment of communicable, chronic and degenerative disease. Prerequisites: BIOL 2401 and credit or registration in BIOL 2402.

Proposal no. EDKN-10-U-06

**EDKN 2130.** Sport Business Apprenticeship. **New course.** **1 (1-2)**  
An introductory field experience in sport business. Thirty contact hours in the field in addition to in-class meetings, allowing the student to explore career options in a practical work setting, normally on campus. May be repeated for credit. Prerequisites: Kinesiology advisor consent.

Proposal no. EDKN-10-U-07

**EDKN 3390.** Topics in Sport Business. **New course.** **3 (3-0)**  
Current issues in sport business are identified and researched. Course may be repeated for credit as topics vary. Prerequisite: junior standing.

Proposal no. EDKN-10-U-08

**EDKN 4336.** Research in Sport Business. **New course.** **3 (3-0)**

Research design, data collection, data analysis, and data interpretation in sport business. Students are required to complete a practical sport business research project of publication quality. Prerequisite: EDKN 3345.

Department of Teacher and Bilingual Education

Proposal no. EDBL-11-U-01

**EDBL 3308.** Survey of Bilingual Education. **Change course description and prerequisites.** **3(3-0)**

Educational, psychological, historical and linguistic foundations of bilingual education; principles of learning relevant to bilingual-bicultural groups. Prerequisites: Admission to Educator Preparation Program; SPAN 1313, SPAN 1314, or two approved Spanish courses.

Proposal no. EDBL-11-U-02

**EDBL 3320.** Tests and Measurements in the Bilingual and ESL Classrooms. **Change course description and prerequisites.** **3(3-0)**

Assessment instruments and strategies used in local, state, and national systems for culturally and linguistically diverse students. Development and assessment of literacy and biliteracy; formal and informal assessment of language proficiency for Bilingual and ESL classrooms. Prerequisite: Admission to Educator Preparation Program.

Proposal no. EDBL-11-U-03

**EDBL 3325.** Teaching English Language Learners in the Inclusive Classroom. **Change course title, description and prerequisites.** **3(3-0)**

How to adjust the curriculum for English Language Learners by applying language, literacy and learning theories to instruction in the first and second languages. Strategies for developing literacy in English by using the students' primary language. Prerequisite: Admission to Educator Preparation Program.

Proposal no. EDBL-11-U-04

**EDBL 3348.** Teaching the Curriculum in Spanish. **Change course description and prerequisites.** **3 (3-0)**

Methods and techniques of content-area instruction in Spanish for the bilingual child, using the first and second languages to build curriculum in language arts, social studies, science, mathematics, music and art. Preparation for the Bilingual Target Language Proficiency Test (BTLPT) – Spanish. Prerequisites: Admission to Educator Preparation Program; SPAN 1313, SPAN 1314, or two approved Spanish courses.

Proposal no. EDBL-11-U-05

**EDBL 4316.** Literacy Development for English Language Learners. **Change course description and prerequisites.** **3 (3-0)**

Social, cultural, and linguistic factors that affect student literacy. Designing literacy plans to meet diverse needs of students. Adjusting curriculum to support English Language Learners. Includes English Language Proficiency Standards (ELPS). Prerequisite: Admission to Educator Preparation Program.

*Proposal no. EDBL-11-U-06*

**EDBL 4354.** Applied Linguistics. **Change course description and prerequisites.** **3 (3-0)**  
Linguistic structures and the relationships found in first and second language learning; educational implications in public school classrooms; dialects and cognitive development of language. First and second language acquisition theories for English Language Learners. Prerequisite: Admission to the Educator Preparation Program.

*Proposal no. EDBL-11-U-07*

**Modify degree plan for a BS in Interdisciplinary Studies with EC-4 Bilingual Generalist Certification to expand grade levels through EC-6.**

[p.238]

The Initial Standard Certificate

[second paragraph, second sentence]

All persons seeking certification in Bilingual Education must also pass the Bilingual Target Language Proficiency Test (BTLPT). All persons seeking certification in Secondary Spanish must also pass a Spanish language proficiency test, the Languages other than English Test (LOTE).

[Degree plan, p.5]

*Proposal no. EDED-10-U-05*

**EDED 4310.** Technology and Media in Education. **Change course description, title and prerequisites.** **3(3-0)**

Emphasizes learning and mastery of technology and media tools that may be used to enhance learning in the public schools. Prerequisite: admission to teacher education.

#### FRANK H. DOTTERWEICH COLLEGE OF ENGINEERING

*Proposal no. GEEN-10-U-01*

**GEEN 1250. Engineering Math Lab. New course.** **2(0-6)**

Introduction to the use of differential and integral calculus with emphasis on engineering applications relevant to the fundamental courses in engineering and computer science.

Prerequisite: Credit or registration in MATH 1348 or equivalent placement.

#### *Department of Environmental Engineering*

*Proposal no. EVEN-10-U-01*

**EVEN 3321.** Environmental Engineering Lab. **Change course prerequisite.** **3(1-2)**

Overview of contaminant transport and partitioning processes, chemical processes, biological processes, and particle dynamics and separations processes. Design and performance of

experiments to generate data for environmental engineering design. Statistical analyses and interpretation of experimental data. Prerequisites: EVEN 2310 and CHEM 1312/1112.

Proposal no. EVEN-10-U-02

**EVEN 3320.** Chemical Principles for Environmental Engineers. **Change prerequisites.** **3(3-0)**

Fundamental chemical principles for determination of the source, fate, and transformation of chemical compounds in natural and polluted environments. Climate change, air pollution, stratospheric ozone depletion, pollution and treatment of water sources, and the utilization of insecticides and herbicides. Prerequisites: CHEM 1312, CHEM 1112. *Abbrev. Banner title: Chemical Principles for EVEN.*

**Department of Industrial Management and Technology**

Proposal no. ITEN-09-U-02

**ITEN 3349.** Manufacturing Productivity. **Change course description.** **3(3-0)**  
Planning and developing benchmarks for manufacturing operations; measuring, assessing, and enhancing productivity within industrial settings, including an overview of Lean Production concepts. Prerequisite: junior standing.

Proposal no. ITEN-09-U-03

**ITEN 2330.** OSHA for General Industry. **Remove lab hour and lab fee.** **3(3-0)**  
An introduction to OSHA's general industry standards and an overview of the requirements of the more frequently referenced standards. Standards will be reinforced with laboratory exercises and related problems.

Proposal no. ITEN-09-U-04

**ITEN 4332.** Hazardous Waste and Fire Safety. **Change course prerequisite and remove lab hour and lab fee.** **3(3-0)**  
Study of fire prevention and hazardous substances. Hazard mitigation and containment policies will be reviewed. Prerequisites: CHME 1405 or equivalent.

Proposal no. ITEN-09-U-05

**ITEN 4336.** Industrial Employment Seminar. **Remove lab hour and change prerequisites.** **3(3-0)**  
Survey of job opportunities in construction and manufacturing through class discussion, field trips and independent research. Includes job hunting skills development, resume writing and job interviewing. Prerequisite: senior standing in ITEN.

Proposal no. ITEN-09-U-06

**ITEN 2301.** Industrial Electronics. **Change prerequisites and lab fee.** **3(3-0)**  
Industrial applications of electricity and electronics, including passive components, power utilization, solid state devices and electronic production techniques. Prerequisites: MATH 1314. Laboratory fee \$5.

Proposal no. ITEN-09-U-07

**ITEN 1201.** Careers in Industrial Technology. (ENGR 1201) **Change lecture/lab hours and add lab fee.** **2(2-1)**

An overview of career fields within the field of Industrial Technology. Course activities explore technological systems in manufacturing, construction, communication, energy, transportation and computer applications used within the field of Industrial Technology. Laboratory fee, \$5.

Proposal no. ITEN-09-U-08

**ITEN 4353.** Construction Management. **Remove lab hour and lab fee.** **3(3-0)**

Study of management techniques to solve the unique problems associated with a construction project. Emphasis on the management of manpower, materials, money and machinery. Prerequisite: ITEN 3331 or equivalent.

Proposal no. ITEN-10-U-01

**Modify the degree plan for a Bachelor of Science in Industrial Technology including a name change to Industrial Management and Technology.**

Proposal no. ITEN-10-U-03

**ITEN 4336.** Industrial Employment Research. **Change course name and description.** **3(3-0)**

Survey of career opportunities in construction, manufacturing, and oil field service through class discussion, field trips and independent research. Includes job hunting skills development, resume development, and mock interviews. Prerequisite: junior standing.