

Minutes of the University Curriculum Committee
April 13, 2006
217 Koldus

Members present: Robert Knight (Chair), College of Agriculture and Life Sciences; Tim Scott (Vice-Chair), College of Science; Les Feigenbaum, College of Architecture; Jim Kracht, College of Education and Human Development; Cynthia LaJimodiere, College of Engineering; Vatche Tchakerian, College of Geosciences; Claude Gibson, College of Liberal Arts; Norma Funkhouser, Medical Sciences Library; Jim McCloy, Texas A&M University and Galveston.

Guests: Eric Rothenbuhler, Communication; C. F. Konrad, European and Classical Languages and Cultures; Melanie Lesko, Galveston; Jim Eddy, Steve Crouse, Health and Kinesiology; Larry Kelly, Teaching Learning and Culture.

The University Curriculum Committee recommends approval of the following:

1. Minutes of February 10, 2006
2. New Courses

FILM 401. National Cinema History. (3-0). Credit 3. Cinema History of a given film-producing nation, such as Japanese Film, Swedish Film, South African Film. May be taken three times for credit. Prerequisites: FILM 301; junior or senior classification.

HLTH 482. Grant Writing in Health. (1-0). Credit 1. A writing intensive course focused on grant writing in the field of health education and health promotion; grant application written by student on a health-related topic using a recursive writing process. May be taken two times for credit. Prerequisite: Admission to professional phase of program.

ITAL 303. Composition and Conversation. (3-0). Credit 3. Readings of contemporary Italian prose; intensive review of grammar and syntax; development of written and oral skills; expansion of vocabulary; translations, compositions and short presentation. Prerequisites: ITAL 202 or equivalent; junior or senior classification.

MATH 281. Seminar in Mathematics. (1-0). Credit 1. Designed to familiarize students with mathematics pertaining to real world applications in such areas as biology, signal processing, quantum computation and robotics. May be taken four times for credit.

SOCI 320. Demographic Methods. (3-0). Credit 3. Procedures and techniques of demographic analysis; examination of demographic data; calculation of rates; construction of life tables; population estimates and projections. Prerequisite: Junior or senior classification; or approval of instructor.

SOCI 412. Political Sociology. (3-0). Credit 3. Survey of social bases of power; state formation in advanced industrial societies; origins of welfare state; interrelation of nationalism; culture and class formation. Prerequisite: Junior or senior classification; or approval of instructor.

3. Changes in Courses

ANTH 216. Nautical Archaeology.

Course number

From: ANTH 216.

To: ANTH 316.

Prerequisite

From: None.

To: Junior or senior classification.

HIST 437. Hanoverian England.

Course title

From: Hanoverian England.
To: Eighteenth Century Britain.

Course description

From: Eighteenth century English history: Hanoverian rule and parliamentary government; challenges to stability from political radicalism, popular culture and crime; overseas empire; agricultural revolution, industrialization and urban growth; the church, Age of Reason and rise of Methodism.
To: Political, social, economical, intellectual, cultural, and imperial history of Britain in the eighteenth century.

Prerequisite

From: None.
To: Junior or senior classification.

JOUR 407. Women, Minorities and the Mass Media.

Course prefix

From: JOUR 407.
To: COMM 407.

TEFB 322. Teaching and Schooling in a Modern Society.

Credit hours

From: (2-3). Credit 2.
To: (2-3). Credit 3.

Course description

From: Development, structure, management and finance of secondary schools; historical, philosophical, ethical and moral dimensions of teaching; role of school in a democratic society; teaching as a profession. Phase II of the secondary program.
To: Development, structure, management and finance of secondary schools; historical, philosophical, ethical and moral dimensions of teaching; role of school in a democratic society; teaching as a profession.

Prerequisite

From: Successful completion or concurrent enrollment in TEFB 201.
To: Junior or senior classification.

TEFB 324. Teaching Skills II.

Credit hours

From: (2-3). Credit 3.

To: (2-2). Credit 3.

Course description

From: Study and development of teaching skills necessary for applying instructional strategies; teaching general strategies, assessing student learning, and analyzing and synthesizing multiple source data; emphasis given to adolescent development and cultures and to teacher and child cultures. Prerequisites: Successful completion or concurrent enrollment in TEFB 322; junior or senior classification. Phase II of the secondary program.

To: Study and development of teaching skills necessary for applying instructional strategies; teaching general strategies, assessing student learning, and analyzing and synthesizing multiple source data; emphasis given to adolescent development and cultures and to teacher and child cultures. Prerequisites: Successful completion or concurrent enrollment in TEFB 322; junior or senior classification.

Prerequisite

From: Successful completion of TEFB 201 and INST 210; admission to teacher education.

To: Successful completion or concurrent enrollment in TEFB 322; junior or senior classification.

4. Changes in Courses

College of Science

Department of Biology: change in course prefix for all BOTN, MICR and ZOOL courses to BIOL (except 281, 285, 481, 485, 491).

BOTN 101	MICR 455
BOTN 301	MICR 456
BOTN 304	ZOOL 107
BOTN 328	ZOOL 225
BOTN 434	ZOOL 318
MICR 206	ZOOL 319
MICR 351	ZOOL 320
MICR 352	ZOOL 335
MICR 360	ZOOL 344
MICR 406	ZOOL 388
MICR 438	ZOOL 405
MICR 445	ZOOL 434
MICR 454	ZOOL 435

5. Changes in Curricula

College of Agriculture and Life Sciences

Department of Animal Science

B.S. in Animal Science

Science Option

Production/Industry Option

B.S. in Dairy Science

Production Option

Manufacturing Option

6. Changes in Curriculum

College of Education and Human Development

Department of Health and Kinesiology

BS in Sport Management

7. Nonsubstantive Request

College of Liberal Arts

Department of European and Classical Languages and Cultures

BA in Classics

8. Texas A&M University at Galveston

New Courses

ANTH 225. Physical Anthropology. (3-1). Credit 4. Human biology to include examination of evolutionary processes acting on human populations; human genetics; non-human primate anatomy, classification and ecology or primates; the primate paleontological record and human variation and adaptation. Prerequisite: BIOL 111 or BIOL 113/123.

HIST 405. History of the Holocaust. (3-0). Credit 3. History of Nazi Holocaust; Third Reich; Jewish Ghetto life and concentration camps; role of military, S.S. and German business; lessons and legacies. Prerequisites: Junior or senior classification or approval of instructor.

MARS 470. Eco-environmental Modeling. (3-0). Credit 3. Biological components are in chemical and physical environments which are influenced by the bio-system and flows of energy, water, and chemical species; coupling to the complex atmospheric, aquatic, and terrestrial systems; modeling entails mathematical tools and the underlying science, focusing on scientific models, from the simplest to the elaborate. Prerequisites: CHEM 102, BIOL 114 and MATH 151; or approval of instructor.

9. Texas A&M University at Galveston
Change in Curriculum
Department of Marine Science
BS in Marine Science

New Courses

MARB 334. Biology of Sea Turtles. (3-3). Credit 4. Living sea turtles of the world, with emphasis on species in the Atlantic, Gulf and Caribbean Basins; emphasis includes phylogeny, population biology, ecology, life history, behavior, social and economic aspects, and their impact on sea turtle conservation and recovery. Prerequisites: BIOL 111 & 112, MARB 315; or approval of instructor.

MARS 281. Sophomore Seminar in Marine Sciences. (1-0). Credit 1. Compilation and discussions of literature pertaining to topics in marine sciences; emphasis on preparation and presentation of a written report. Prerequisite: Sophomore classification or approval of instructor.

MARS 303. Introduction to Computing and Data Display. (2-2). Credit 3. Introduction to the elements of computer programming and data display primarily through the MATLAB computing environment; exposure to the FORTRAN programming language and the UNIX operating system.

MARS 325. Introduction to GIS for Marine Sciences. (2-2). Credit 3. Geographic Information Systems (GIS) introduced for marine sciences and management; basic use of software including creation of GIS models; creating, editing and querying GIS shape files using one of the standard GIS software packages such as ArcGis. Prerequisite: Junior or senior classification or approval of instructor.

MARS 361. Marine Biochemistry Laboratory. (0-3). Credit 1. Selected methods used to characterize, purify, identify and isolate biomolecules. The lab is designed to complement MARS 360 lecture. Prerequisite: MARS 360 or current enrollment.

MARS 460. Modern Oceanographic Methods. (3-9). Credit 6. Hands-on experience with modern oceanographic observational tools and data analysis techniques; focus on the four major oceanographic disciplines: geology, chemistry, physics, and biology; theoretical background, collect and analyze data, and learn how to prepare scientific reports summarizing their work. Prerequisite: Junior or senior classification or approval of instructor.

Changes in Courses

MARS 306. Sedimentation and Stratigraphy.

Course description

From: Sedimentation and Stratigraphy.
To: Coastal Sedimentary Geology.

Course description

From: Principles of stratigraphy and study of environments of deposition. Laboratory work in sampling, analyzing and interpreting sedimentary rocks. Field trips required.

To: A survey of modern coastal sedimentary systems, including principles of sedimentology and sediment analysis; large group field project; local field trips required.

MARS 370. Coastal Processes.

Course title

From: Coastal Processes.
To: Coastal and Estuarine Processes.

Course description

From: Introduction to the coastal system, waves and wave-dominated coasts, shoreline morphodynamics, tidal and lake coasts, long-term coastal development, sea level changes, subtidal and beach ecosystems, coastal dunes and wetlands, structures and organizations, coastal management, and coastal hazards.

To: A comprehensive study of the physical and geological processes controlling the morphology and circulation within the coastal ocean and estuaries; beach, estuarine, and shelf processes and environments examined; relevant papers from literature; field study examining coastal processes.

- FRSC 102 was tabled—required letter from Geography.
- MATH 433 was considered editorial.
- PHIL 410 was withdrawn from consideration.