

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

Members present: Tim Scott (Vice-Chair), College of Science; Mike Messina (for Robert Knight), College of Agriculture and Life Sciences; Les Feigenbaum, College of Architecture; Jim Kracht, College of Education and Human Development; Cynthia LaJimodiere, Dwight Look College of Engineering; Vatche Tchakerian, College of Geosciences; Pamela Matthews, College of Liberal Arts; Lawrence Wolken (for George Fowler), Mays Business School; Norma Funkhouser, Medical Sciences Library; Laurie Jaeger, College of Veterinary Medicine and Biomedical Sciences.

Guests: John Valasek, Department of Aerospace Engineering; Cesar Malave, Dean's Office, Dwight Look College of Engineering; Jacqueline Hodge, Dwight Look College of Engineering; Steve Crouse, Department of Health and Kinesiology; Jennifer Hall and Michael McBurney, Department of Nutrition and Food Science; Elizabeth Crouch and Skip Landis, College of Veterinary Medicine and Biomedical Sciences.

The University Curriculum Committee recommends approval of the following:

1. The minutes of the September 7, 2006 meeting were approved with an attendance correction. Committee member Laurie Jaeger was present.
2. New Courses

ACCT 410. Fraud Examination. (3-0). Credit 3. Principles and methodologies of detecting and deterring fraud using accounting, auditing, and investigative skills; includes skimming, larceny, misappropriations, fraudulent statements, interviewing witnesses and support for litigation. Prerequisites: ACCT 327 with grade of C or better; junior or senior classification.

AERO 445. Vehicle Management Systems. (3-0). Credit 3. Introduction to vehicle management systems for manned and unmanned air and space vehicles; system centric concepts, requirements definition, specifications, and architectures; reliability analysis, health monitoring, and mission management; SISO digital design of integrated flight control, propulsion control and structural control; introduction to vehicle autonomy; design and analysis methods, industrial examples. Prerequisites: AERO 422; junior or senior classification.

AGCJ 281. Journalism Concepts for Agriculture. (1-0). Credit 1. The role of the news media in covering government, the court systems, corporations, taxation, and insurance; a practical perspective on how journalists interact with public and private institutions from a legal, ethical and social standpoint.

ANSC 487. Sensory Evaluation of Foods. (2-2). Credit 3. Application of sensory science principles and practices to food systems including an understanding of discriminative, descriptive and consumer sensory techniques. Prerequisites: CHEM 222 or 228; junior or senior classification.

BIOL 401. Critical Writing in Biology. (1-0). Credit 1. Reading scientific papers and writing short synopses of papers with a focus on learning how to think and write like a scientist; fills the current Writing Intensive "W" course requirement for biology. Prerequisites: BIOL 213 and 214; junior or senior classification.

ENGR 410. Global Engineering. (3-0). Credit 3. A framework for the systematic study of important facets of an international engineering project; decision making methods that allow the integration of quantitative and qualitative information; applications of the framework and decision methods using real case studies. Prerequisite: Junior or senior classification or approval of instructor.

GEOG 420. Geography of Terrorism. (3-0). Credit 3. Exploration of global terrorism and counter terrorism; regional conflicts and mass violence; construction of places and regions associated with terror; American reactions to global terrorism. Prerequisite: Junior or senior classification.

IBUS 460. Academy for Future International Leaders. (3-0). Credit 3. A practical orientation to international business and cultural issues to prepare selected Texas A&M students for the international marketplace; joint effort among all colleges at Texas A&M; designed to complement any academic major by helping students gain a global perspective of their chosen field of study. Prerequisite: Junior or senior classification.

MATH 439. Differential Geometry of Curves and Surfaces. (3-0). Credit 3. Local and global theory of parameterized curves; regular surfaces, local coordinates, first fundamental form, orientation, area; Gauss map, second fundamental form; Gauss Bonnet theorem; additional topics to be selected by the instructor. Prerequisites: MATH 222 and 308 or approval of instructor.

MKTG 438. Strategic Internet Marketing. (3-0). Credit 3. Implications of the internet and related digital technologies for marketing strategy; evolution of the electronic marketplace; impact of the electronic marketplace on the marketing mix decisions of firms; competitive advantage; public policy issues; future trends and developments. Prerequisites: MKTG 321; junior or senior classification.

RLEM 420. Ecological Restoration of Wetland and Riparian Systems. (2-2). Credit 3. How wetland and riparian areas link terrestrial and aquatic systems and function hydrologically and ecologically within watersheds; integrated approaches for restoration of degraded wetland and riparian systems; improving water resources through vegetation management with a special interest in rangelands. Prerequisites: RENR 205 and WFSC 428 or approval of instructor.

3. Changes in Courses

KNFB 450. Supervised Student Teaching.

Credit hours

From: (0-36). Credit 9.

To: (0-30). Credit 6.

College of Liberal Arts
Department of European and Classical Languages and Cultures
MODL course prefix to EURO.

Course prefix change

From:	To:
MODL 220.	EURO 220. Contemporary French Culture.
MODL 223.	EURO 223. French Culture and Society in French Literary Masterpieces in Translation.
MODL 230.	EURO 230. Contemporary German Culture.
MODL 232.	EURO 232. Exploratory German Language and Culture.
MODL 240.	EURO 240. Contemporary Russian Culture.
MODL 311.	EURO 311. Diversity Issues in Classical Studies.
MODL 323.	EURO 323. Immigration and Ethnicity in Contemporary France.

Withdrawal of Courses

- MODL 337. Russian Drama.
- MODL 341. Russia's Artistic Heritage.
- MODL 342. Russian Novel in Translation.

4. Changes in Curriculum

College of Agriculture and Life Sciences
Department of Nutrition and Food Science

B.S. in Food Science and Technology
Food Science Option
Industry Option

B.S. in Nutritional Sciences
Dietetics Track
Molecular and Experimental Track
General Nutrition Track

Department of Horticultural Sciences

B.A. in Horticulture
B.S. in Horticulture
B.S. in Floriculture

College of Education and Human Development

Department of Health and Kinesiology

Basic Exercise Physiology Track
Applied Exercise Physiology Track
Motor Behavior Track
All Level Physical Education Teacher Certification Option

5. Special Consideration: New Certificates

Dwight Look College of Engineering
International Certificate Program for Engineering Students

College of Veterinary Medicine and Biomedical Sciences
Department of Biomedical Science
International Certificate Program in Cultural Competency and Communication in Spanish

6. The following was withdrawn from consideration.

B.S. in Forensic and Investigative Sciences

New Courses

A81 FISC 205
A82 FISC 291
A83 FISC 316
A84 FISC 415
A85 FISC 431 - cross-listed with ENTO 431
A86 FISC 432 - cross-listed with ENTO 432
A87 FISC 435 - cross-listed with ENTO 435
A88 FISC 481
A89 FISC 482 - cross-listed with ENTO 482
A90 FISC 484
A91 FISC 491

Changes in Courses

C35 ENTO 435 – course title, course description (cross-listed with FISC 435)
C36 ENTO 482 – course title, course description, prerequisites (cross-listed with FISC 482)