

Members present: Sarah Bednarz, Vice-Chair, College of Geosciences; Robert Knight, College of Agriculture and Life Sciences; George Eustace (for Les Feigenbaum), College of Architecture; Marty Loudder, Mays Business School; Glenda Byrns (for Christine Bergeron), College of Education and Human Development; Prasad Enjeti, Dwight Look College of Engineering; Mike Stephenson, College of Liberal Arts; Glenn Jones, Texas A&M University at Galveston; Jim Kracht (for Ann Kenimer), Undergraduate Studies; James Herman, College of Veterinary Medicine and Biomedical Sciences; Jean Layne, Center for Teaching Excellence; Justin Schilke, Office of the Registrar.

Guests: Sharon McCord, Curricular Services; Kevin Krisciunas, Department of Physics and Astronomy; Jennifer Allen, Department of Poultry Science; Sam Feagley and Terry Gentry, Department of Soil and Crop Sciences; Kristin Harper, Undergraduate Studies.

The Undergraduate Curriculum Committee recommends approval of the following:

1. The minutes of the August 9, 2013 meeting.
2. New Courses

ASTR 320. Astrophysical Research Methods. (2-0). Credit 2. Background and tools used by astronomical researchers in performing analyses; topics include reduction of photometric and spectroscopic data, bivariate and multivariate statistical methods and chi-squared minimization. Prerequisites: MATH 171 and MATH 172.

ASTR 401. Stars and Extrasolar Planets. (3-0). Credit 3. How stars are born, how internal structure changes, nuclear fuel burned and ultimate fate; extrasolar planets: detection, formation, properties and habitability. Prerequisite: ASTR 314.

ASTR 403. Extragalactic Astronomy and Cosmology. (3-0). Credit 3. Physical makeup of individual galaxies and large scale structure in the universe; origin and eventual fate of the universe; interpretation of observational data as it relates to baryonic matter, Dark Matter and cosmological models with Dark Energy. Prerequisite: ASTR 314.

COSC 284. Introduction to Applied Workplace Ethics, Etiquette and Communications. (3-0). Credit 3. For students in an experiential learning environment; required reading assignments on topics concerning workplace ethics, etiquette and communications; apply and discuss reflective writing assignments in order to prepare to meet the professional expectations of employers upon graduation. Prerequisite: Engaged in an internship, co-op or other experiential learning opportunity working a minimum of 20 hours per week.

3. Change in Courses

SCSC 301. Soil Science.

Course description and prerequisites

From: An introduction to the nature and properties of soils. Application of science and technology to the use of this natural resource and the roles in the environment. Prerequisite: CHEM 101 or equivalent.

To: Evaluation of the nature and properties of soils; explanation of the various soils, their components and roles in the environment using the scientific methods and technology. Prerequisite: Junior or senior classification, or approval of instructor.

SCSC 405. Soil and Water Microbiology.

Course prerequisites

From: SCSC 301, junior or senior classification, or approval of instructor.

To: Junior or senior classification, or approval of instructor.

SPMT 304. Psychology of Sport and Physical Activity.

Course title

From: Psychology of Sport and Physical Activity.

To: Sport Psychology Management and Practice.

Course description

From: The relationship of psychology to sport; topics include history, application of learning principles, social psychology, personality variables, psychological assessment, youth sport, women in sport, the psychology of coaching, sports law and ethics.

To: The relationship of psychology to sport and exercise; topics include history, application of learning principles, social psychology, personality variables, psychological assessment, youth sport, and diversity issues in sport and exercise.

Cross-listing

From: PSYC 304.

To: None.

4. Change in Curriculum

College of Agriculture and Life Sciences

Department of Poultry Science

B.S. in Poultry Science

Industry Emphasis

Technical Emphasis

5. Texas A&M University at Galveston

a. New Course

MAST 441. Maritime Piracy. (3-0). Credit 3. Research of social, economic, political and cultural aspects of piracy from ancient to modern times; presentation of findings; understanding modern perception of pirates through modern art, literature and movies. Prerequisites: Junior or senior classification and approval of instructor.

6. Special Consideration

Dwight Look College of Engineering

Department of Industrial and Systems Engineering

Data Center Operations Engineering Certificate

Request for a new certificate program

College of Science

Department of Physics and Astronomy

Minor in Astrophysics

Request for a new minor

7. Other Business

- M.Loudder asked how colleges review course syllabi (for courses already approved and posted on Howdy).
- M.Loudder announced she will no longer represent Mays Business School on UCC; Dr. Jon Jasperson will be the new UCC representative.