

Minutes of the Undergraduate Curriculum Committee
April 13, 2012
217 Koldus

Members present: Tim Scott (Chair), College of Science; Sarah Bednarz, (Vice-Chair) College of Geosciences; Robert Knight, College of Agriculture and Life Sciences; Leslie Feigenbaum, College of Architecture; Christine Bergeron, College Education and Human Development; John Tyler, Dwight Look College of Engineering; Mike Stephenson, College of Liberal Arts; Marty Loudder, Mays Business School; Glenn Jones, Texas A&M University at Galveston; Jim Kracht (for Ann Kenimer), Undergraduate Studies; Daniel Xiao, University Libraries; James Herman, College of Veterinary Medicine and Biomedical Sciences; Amin Rasekh, Student Representative.

Guests: Joe Pettibon, Provost Office; Laura Heard, Office of the Registrar.

The Undergraduate Curriculum Committee recommends approval of the following:

1. The minutes of the March 9, 2012 meeting.
2. Withdrawal of Courses

Mays Business School

ACCT 314. Programming of Business Systems.
BUSN 126. Business Learning Community II.
BUSN 291. Research.
BUSN 300. Career Planning in Business.
FINC 467. Commodity Trade Strategy.
FINC 478. Real Estate Law.
MKTG 344. Marketing Channels Management.

College of Liberal Arts

ANTH 285. Directed Studies.
ANTH 315. Peoples and Cultures of Africa.
ANTH 319. Indians of Mexico and Central America.
ANTH 325. Texas Cultural History.
ANTH 426. Anthropology of Food and Nutrition.
CLAS 215. Etymological Principles for the Health Sciences.
COMM 456. Telecommunication and Media Management.
ECON 319. Economic Development of the United States.
ECON 442. Personnel Economics.
ENGL 260. Introduction to Children's Literature.
FREN 250. Phonetics.
HIST 289. Special Topics in...
HIST 408. Central Europe During the Long Nineteenth Century.
HIST 446. Aerospace History.
MUSC 325. Dance and World Cultures.
MUSC 326. Dance and Identity in the United States.
PHIL 210. Concepts of Love.
PHIL 483. Professional Ethics.
POLS 310. Legal Research.
POLS 311. China, Japan and the United States.
POLS 400. Public Leadership Development.
POLS 421. Social Conflict and Political Change.

- SOCI 340. Post-Soviet Societies.**
- SOCI 350. Sociology of Islamic Societies.**
- SPAN 368. El Camino de Santiago: Medieval to Contemporary Pilgrimages.**

Dwight Look College of Engineering

- BMEN 302. Biomechanics.**
- BMEN 308. Biomedical Electronics.**
- BMEN 309. Signal Processors for Biomedical Measurements.**
- BMEN 331. Theoretical Analysis.**
- BMEN 410. Advanced Clinical Engineering.**
- BMEN 421. Biofluid Dynamics.**
- BMEN 422. Biomaterials and Artificial Internal Organs.**
- BMEN 441. Analysis and Design Project I.**
- BMEN 442. Analysis and Design Project II.**
- BMEN 452. Mass and Energy Transfer in Biosystems.**
- BMEN 468. Biothermomechanics.**
- CSCE 203. Introduction to Computing.**
- CSCE 211. Data Structures and Their Implementations.**
- CSCE 321. Computer Architecture.**
- CSCE 311. Analysis of Algorithms.**
- ENTC 216. Semiconductor Process Technology.**
- ENTC 351. Electronic Devices and Circuits II.**
- ENTC 421. Mechanical Technology Projects.**
- ECEN 119. Practice of Electrical and Computer Engineering.**
- ECEN 220. Introduction to Digital Design.**
- ECEN 450. Computer Interfacing and Communications.**
- ECEN 456. Communication Theory.**
- ECEN 476. Neural Networks and Implementations.**
- ENGR 189. Freshman Engineering Orientation.**
- ENGR 442. Mechanics of European Structures.**
- ENGR 483. Energy and the Environment.**
- MEEN 448. Fundamentals of Nondestructive Testing.**
- NUEN 412. Subcritical Assembly Experimentation and Modeling.**
- NUEN 472. Operational Health Physics of Advanced Reactors.**
- PETE 211. Petroleum Engineering Systems.**
- PETE 320. Drilling and Production Systems.**
- PETE 411. Well Drilling.**

College of Science

- BIOL 225. Physical Anthropology.**
- BIOL 281. Seminar in Quantitative Biology.**
- BIOL 301. Taxonomy of Flowering Plants.**
- BIOL 330. Molecules and Life.**
- CHEM 334. Experimental Physical Chemistry II.**
- MATH 202. Discrete Mathematics for Computer Science.**
- PHYS 219. Electricity.**
- STAT 225. Mechanical Engineering Statistics.**
- STAT 415. Mathematical Statistics II.**

College of Veterinary Medicine and Biomedical Sciences

BIMS 492. Cooperative Education in Biomedical Science.

VIBS 409. Meat Hygiene.

VIBS 418. Laboratory Animal Management and Preventive Medicine.

VIBS 451. Introductory Neuroscience.

VLCS 409. Control of Cattle Diseases.

3. Texas A&M University at Galveston

a. New Courses

MARB 404. Behavioral Ecology of Marine Mammals and Seabirds of New Zealand. (3-3). Credit 4. Ecology and behavior of marine birds and mammals of the South Island, New Zealand, with comparisons to the literature of marine vertebrates; emphasis on animals in nature; experience of the animals from boats, shore, readings, videos, interpretation and peer-review, scientific papers, and books. Prerequisite: MARB 315 or other vertebrate or chordate course, junior or senior classification, or approval of instructor.

MASE 221. Engineering Mechanics: Statics. (2-2). Credit 3. General principles of mechanics; concurrent force systems; statics of particles; equivalent force/moment systems; centroids and center of gravity; equilibrium of rigid bodies; trusses, frames and machines; internal forces in structural members; moments of areas. Prerequisites: MATH 251 or MATH 253 or registration therein; PHYS 218; enrollment in MASL or MASE major degree sequence.

c. Change in Curriculum

Texas A&M University at Galveston

Department of Maritime Systems Engineering
B.S. in Maritime Systems Engineering

d. Special Consideration

Texas A&M University at Galveston

Department of Maritime Administration
Minor in Maritime Administration – requirement changes

4. Texas A&M University at Qatar

a. New Course

PETE 412. Surface Production Facilities. (3-0). Credit 3. Overview of separation and treatment of production fluid; fundamentals of gas-liquid separation; design and performance analysis of two- and three-phase separators; oil desalting, sweetening and stabilization; water treatment; overview of gas separation, dehydration and sweetening. Prerequisite: Senior classification or approval of instructor.

5. Other Business

- CARS update – CTE syllabus builder will be used with CARS; PITO will consider needs of both units to find a solution that works for both.
- Syllabus Learning Outcomes – T. Scott updated committee on the interpretation of learning outcomes as viewed by the Faculty Senate (M. Benedick); S. Bednarz to follow-up with Academic Affairs Committee regarding learning outcomes (objectives).
- Course credit for military veterans – J. Kracht discussed his research and is waiting on THECB response regarding his inquiries; J. Pettibon discussed his research and the interpretation from TAMUS general council; further discussion is needed; a subcommittee may be formed for recommendations.
- For now, catalog deadline submission to remain the same as before (December meeting); encourage departments/colleges to submit significant curriculum changes early to help with large agendas in the fall.
- Reminder May meeting will be on Wednesday, May 9, at 3:30 due to commencement.
- SAP Curricular Approvals and Substantive Change – email from P. Matthews requested UCC to review and submit comments by Friday (04/20/12) deadline; S. Williams to collect for committee by Thursday.