

Minutes of the University Curriculum Committee
August 12, 2010
217 Koldus

Members present: Robert Knight (Chair), College of Agriculture and Life Sciences; Tim Scott (Vice-Chair), College of Science; Leslie Feigenbaum, College of Architecture; Lynn Burlbaw, College of Education and Human Development; Lale Yurttas, Dwight Look College of Engineering; Andrew Klein (Faculty Senate Representative); Sarah Bednarz, College of Geosciences; Mike Stephenson, College of Liberal Arts; Liesl Wesson, Mays Business School; Suzanne Shurtz, Medical Sciences Library; Pam Matthews, Undergraduate Studies; Lynn Ruoff (for James Herman), College of Veterinary Medicine and Biomedical Sciences.

Guests: John Tyler, Department of Electrical and Computer Engineering; Glenda Byrns, Department of Educational Psychology; Col. Gerald Smith and Lt. Greg Bertsch, Naval ROTC; Kristin Harper, Undergraduate Studies.

The University Curriculum Committee recommends approval of the following:

1. The minutes of the July 9, 2010 meeting.
2. New Courses

BIOL 437. Molecular and Human Medical Mycology. (3-0). Credit 3. Principles of fungal pathogenesis, diagnosis and antifungal therapies, and relevant genetic and molecular tools for studying human pathogens and drug delivery. Prerequisites: BIOL 351; junior or senior classification; or approval of instructor.

CLAS 313. Advanced Classical Greek Prose. (3-0). Credit 3. Readings of selections from ancient Greek authors of prose (history, oratory, letters, philosophy) in the original language; discussion of the intellectual, historical, and literary background of the works, and of the lives and thought of the writers. May be repeated for credit with different readings. Prerequisite: CLAS 211.

CLAS 410. Seminar in Classical Studies. (3-0). Credit 3. Exploration of a significant topic, work, or period in Greek or Roman literature, culture, or history; emphasis on development of research skills in Classical Studies. May be taken three times for credit. Prerequisite: 3 hours of CLAS 300-329 or approval of instructor.

SCSC 401. Forensic Soil Science. (3-0). Credit 3. Soil and geologic characteristics associated with crime scene examination; physical and chemical characteristics; use of trace evidence, glass and amorphous materials, fossils; fourier and fractal analysis; x-ray tomography and laser profilometry; soil and geologic isotope composition. Prerequisite: Junior or senior classification or approval of instructor.

VTPP 438. Analysis of Genomic Signals. (2-2). Credit 3. Overview of current high throughput technology for data acquisition and analysis of genomic signals (e.g. mRNA or proteins); emphasis on the microarray technology, methods for analyzing microarray data, and approaches to model the underlying phenomena from the systems biology perspective. Prerequisites: Junior or senior classification; GENE/BIMS 320 and BIOL 111/112 or BIOL 213 or equivalent; STAT 302 or equivalent.

3. Withdrawal of Courses

DCED 305. Human Movement in Relation to Dance.
EDCI 469. Inter/Intra-Personal Communication Skills in the Early Childhood Classroom.
EDTC 305. Instructional Technology: Theory and Practice.
EHRD 101. Introduction to Leadership Development in Higher Education.
EHRD 102. Introduction to Voluntary Student Organization Management in Higher Education I.
EHRD 103. Management of Voluntary Student Organizations in Higher Education II.
EHRD 104. Service Learning.
EHRD 105. Social Justice Issues in Higher Education.
EHRD 107. Voices of the Civil Rights Movement.
EHRD 108. Values Based Organizations in Higher Education.
EHRD 285. Directed Studies.
EHRD 289. Special Topics in...
EHRD 301. Methods of Teaching and Class Management.
EHRD 310. Course Making.
EPSY 102. Career Development.
HLTH 317. Emergency Care and Transportation.
HLTH 319. Emergency Medical Techniques.
HLTH 430. Data Acquisition and Management in Health and Kinesiology.
KINE 163. Visual and Performing Arts—Beginning Ballroom Dance.
KINE 164. Visual and Performing Arts—Intermediate Ballroom Dance.
KINE 165. Visual and Performing Arts—Beginning Folk Dance.
KINE 170. Visual and Performing Arts—Tap Dance II.
KINE 174. Visual and Performing Arts—Laban Movement Analysis.
KINE 310. Pool and Waterfront Management.
KINE 314. Coaching of Soccer.
RDNG 360. Principles and Practices of Reading Instruction.
RDNG 362. Reading Practicum.
SAED 301. Introduction: Nature and Scope of Safety Education.
SAED 427. Driver Education.
SAED 428. Teaching Driver and Traffic Safety Education I.
TEFB 271. Children, Schools and Society.
TEFB 483. Internship.

4. Change in Courses

CLAS 312. Advanced Classical Greek.

Course title

From: Advanced Classical Greek.

To: Advanced Classical Greek Poetry.

Course description

From: Readings of selections from ancient Greek authors in the original language; discussion of the intellectual, historical, and literary background of the works, and of the lives and thought of the writers. May be repeated for credit with different readings.

- To: Readings of selections from ancient Greek authors of poetry (lyric, epic, or drama) in the original language; discussion of the intellectual, historical, and literary background of the works, and of the lives and thought of the writers. May be repeated for credit with different readings.

NVSC 102. Leadership and Management I.

Course description

- From: Principles of leadership and management and their application to the duties and responsibilities of a Junior Naval Officer; management theory, professional responsibility, and human resource system programs; skills in leadership, goal setting and communication developed through guided participation in case studies and situational problems.
- To: Principles of leadership and management and their application to duties and responsibilities for Junior Naval Officers; management theory, professional responsibility and human resource management programs; skills in leadership and management, communication, counseling, evaluations; administration of discipline developed through participation in case studies, experiential exercises and situational problems.

NVSC 203. Naval Ships Systems I: Engineering.

Course description

- From: Study of engineering concepts and their application in U.S. Naval vessels: basic ship design, hydrodynamic forces, fluid dynamics, stability, propulsion, electrical systems, and shipboard safety, organization and firefighting.
- To: Study of engineering concepts and their application in U.S. Naval vessels: basic ship design, hydrodynamic forces, fluid dynamics, stability, propulsion, closed thermodynamic systems, electrical systems, shipboard power generation and distribution, shipboard safety, organization and firefighting.

NVSC 205. Naval Sea Power and Maritime Affairs.

Course description

- From: A survey of naval history emphasizing the major developments in naval strategy, tactics, technology, and the effects of political climate; significant naval engagements and historic figures; includes an introduction to the theory of war, Mahan's naval strategy, the role of maritime commerce and the importance of a maritime policy to maintain global stability.
- To: Naval history survey emphasizing major developments in strategy, tactics, technology, and effects of political climate; significant naval engagements and officers; includes an introduction to the role of seapower in national policy and diplomacy, Mahan's naval strategy and the affects of maritime policy on global stability.

NVSC 301. Navigation.

Course description

From: Theory, principles and procedures of ship navigation in coastal and open ocean environments; piloting, celestial navigation, ocean and tidal currents and associated publications and logs; introduction to USN electronic and satellite navigational systems.

To: Theory, principles and procedures of ship navigation in coastal and open ocean environments; piloting, ocean and tidal currents, weather, introduction to USN electronic and satellite navigational systems, guided participation in case studies involving maritime accidents.

NVSC 302. Naval Operations and Seamanship.

Course description

From: Duties and responsibilities of the OOD (U/W), navigator and bridge watch team during routine and special at sea evolutions; relative motion, formation tactics, international and inland rules of the nautical road and applied aspects of ship handling; familiarization with naval communications and messages.

To: Relative motion, formation tactics, ship maneuvering behavior and characteristics, applied aspects of ship handling, afloat communications and ship employment; naval warfare, operations concepts, command and control, and joint warfare; review and analysis of case studies involving moral, ethical and leadership issues.

NVSC 401. Naval Systems.

Course title

From: Naval Systems.

To: Naval Ships Systems II: Weapons.

Course description

From: Types and purpose of naval ships and aircraft; propulsion systems, damage control, and elements of design and stability characteristics; theory and operational principles of Naval Weapon systems, types of weapons and platforms, capabilities and limitations, and basics of naval ordnance

To: Types and purpose of major weapons systems and platforms of the U.S. Naval forces; theory and operational principles of radar, sonar and communication circuits; fire control problem geometry, principles of ballistics, propulsion, launching and guidance of weapons; principles of electronic warfare and nuclear weapons.

NVSC 402. Leadership and Ethics.

Course description

From: Naval junior officer ethics and responsibilities; small unit management and administration; current Navy/Marine Corps policies and their application within the Navy and Marine Corps. This course should be taken the semester of graduation.

To: Theoretical concepts of Western moral traditions and ethical philosophy; topics include leadership, values, military ethics, Just War Theory, Uniform Code of Military Justice and Naval regulations; examination of ethical foundation for the development of leadership and communication skills; should be taken the semester of graduation.

5. Special Consideration

College of Education and Human Development

Department of Educational Psychology

B.S. in Interdisciplinary Studies

Special Education Certification Program

Change in GPA requirement

6. Texas A&M University at Qatar

a. Change in Curriculum

Texas A&M University at Qatar

Dwight Look College of Engineering

Department of Electrical and Computer Engineering

B.S. in Electrical Engineering

7. Other Business

- Dr. Pamela Matthews discussed:
 - Recent review of undergraduate catalog.
 - General set of recommendations including student rules (hyperlinks), core curriculum, 120 hour degree plans
 - Review of UCC.
 - FS bylaws, name of committee, charge, powers, membership, procedures, relationship to other committees.
- B. Knight indicated the policy and procedures subcommittee was on hold.
- A. Klein informed the committee core curriculum is closed until the state decides on the state core curriculum.
- S. Bednarz inquired about catalog course descriptions and whether there is a procedure.
 - S. Williams commented on the development of a style guide by OAR Communications
- Other items discussed included: tabled items, ex-officio member on the Executive Committee, other committees, minimum syllabus requirements, HB 2504, learning objectives, course form/syllabus template, review of untaught courses.
- Discussion on the editorial items memo from Dr. Gunn; committee requested the memo be posted on the UCC website; course descriptions in Compass were also discussed.