

**Minutes of the University Curriculum Committee
December 11, 2008
217 Koldus**

Members present: Robert Knight (Chair), College of Agriculture and Life Sciences; Tim Scott (Vice-Chair), College of Science; Jim Kracht (for Lynn Burlbaw), College of Education and Human Development; Sarah Bednarz, College of Geosciences; Claude Gibson (for Pamela Matthews), College of Liberal Arts; George Fowler, Mays Business School; Bill McMullen, Texas A&M University at Galveston; Kristin Harper (for Martyn Gunn), Undergraduate Programs and Academic Services; James Herman, College of Veterinary Medicine and Biomedical Sciences; Joseph Fuller, Student Representative; Mark Womack, Student Representative.

Guests: Richard Furuta, Department of Computer Science; Leslie Feigenbaum, College of Architecture; Glenda Byrns, Department of Educational Psychology; Forester Ndubisi, Ann Pool and Donald Sweeney, Department of Landscape Architecture and Urban Planning; Dawn Parker, Department of Teaching, Learning and Culture.

The University Curriculum Committee recommends approval of the following:

1. The minutes of the November 14, 2008 meeting.
2. New Courses

AMST 484. Internship. (3-0). Credit 3. Directed internship in a public or private organization; provides on-the-job training and applied research experience appropriate to career objectives. Must be taken on a satisfactory/unsatisfactory basis. Prerequisites: Approval of director of American Studies; junior or senior classification.

ANTH 409. Science, Pseudoscience and Critical Thinking in Anthropology. (3-0). Credit 3. Close scrutiny of fantastic claims made across a broad spectrum of media regarding anthropology, biological anthropology and archaeology; distinction of science from pseudoscience; critical evaluation of scientific and pseudoscientific research; evaluation of media portrayal of science; development of critical thinking skills for skeptical investigation of extraordinary claims. Prerequisite: Junior or senior classification or approval of instructor.

ARTS 115. Drawing for Visualization. (2-3). Credit 3. Investigation of and practice with tools, methods and techniques available for communication of designs; drawing, graphics, rendering and color. Prerequisite: Bachelor of Environmental Design, Visual Studies option majors only.

ARTS 310. Digital Photography. (2-3). Credit 3. Creation, manipulation, and critique of the digital image; composition and aesthetics; digital camera controls; exposure refinement; lighting techniques; digital work-flow; image conversion and control; color management; post-processing techniques; layering and compositing; printing technology and processes. Prerequisite: Junior or senior classification.

ECON 318. The Economics of Gender and Race. (3-0). Credit 3. Theories and evidence on gender and race differences in labor market outcomes; labor supply and the role of family formation; the effect of human capital and discrimination on earnings; analysis of government policies; international comparisons. Prerequisites: 6 hours drawn from the following: ECON 202, STAT 303, 3 hours in WMST above 200 level; junior or senior classification. Cross-listed with WMST 318.

EDCI 365. Using Technology in Elementary Classrooms. (3-0). Credit 3. Overview of technology as it relates to the design of instruction and practices that support effective teaching and learning; how learning theories are reflected in and supported by technology; current and emerging applications in technology delivered and supported learning environments. Prerequisite: Junior or senior classification.

EURO 237. The German Roaring '20s. (3-0). Credit 3. The culture of Weimar Germany as a paradigm for European modernity; examination of political and technological modernization through analysis of literary and artistic forms and philosophical and social ideas; taught in English.

EURO 437. German Romanticism: Literature, Theory, Philosophy. (3-0). Credit 3. From Goethe's "Faust" to the romantic exaltation of poetry; influence of the romantic movement on European literary theory and philosophy; taught in English. Prerequisite: Junior or senior classification or approval of instructor. Cross-listed with GERM 437. Report of the University Curriculum Committee

GEOG 405. Field Trip-Lower Rio Grande Valley. (1-0). Credit 1. Environment, economic development and social processes in the lower Rio Grande Valley; processes of environmental change and natural resource use; interaction with individuals and organizations involved in environmental justice/health, conservation, worker rights and sustainable development. Prerequisites: GEOG 201 or 202; junior or senior classification.

GEOG 467. Dynamic Modeling of Earth and Environmental Systems. (3-2). Credit 4. Dynamical systems modeling; key concepts and processes in earth and environmental systems; human impact on these systems; model building and testing; system behavior over time; model validation and sensitivity; examples from the applications in earth and environmental sciences. Prerequisite: GEOG 203 or approval of instructor.

GERM 315. Literary Investigations: German Short Fiction. (3-0). Credit 3. Readings of selected works of short prose from the early 20th century to the present with emphasis on principles of literary analysis; conducted in German. Prerequisite: GERM 202 or 222.

GERM 331. German Literary Expression I. (3-0). Credit 3. Readings of selected drama, poetry, and prose works of German literature from the Middle Ages through Romanticism; problems involved in defining dramatic, lyric, and epic genres considered; structural and aesthetic elements of literary works; conducted in German. Prerequisite: GERM 310 or 315, or registration therein.

GERM 332. German Literary Expression II. (3-0). Credit 3. Readings of selected drama, poetry, and prose works of German literature of the modern era; problems involved in defining dramatic, lyric, and epic genres considered; structural and aesthetic elements of literary works; conducted in German. Prerequisite: GERM 310 or 315, or registration therein.

GERM 437. German Romanticism: Literature, Theory, Philosophy. (3-0). Credit 3. From Goethe's "Faust" to the romantic exaltation of poetry; influence of the romantic movement on European literary theory and philosophy; taught in English. Prerequisite: GERM 202 or registration therein, or approval of instructor. Cross-listed with EURO 437.

HIST 376. A Biographical Approach to Science Literacy. (3-0). Credit 3. History of fundamental scientific principles through biography; Galileo, Newton, Darwin, Mendel, Curie, Einstein, Pauling, and others. Prerequisite: Junior or senior classification.

HIST 442. World War II. (3-0). Credit 3. Origins; military campaigns in Europe, North Africa, Asia, and the Pacific; European, Japanese, Asian, and American home fronts; collapse of Germany; atomic warfare; legacies. Prerequisite: Junior or senior classification.

MASC 371. Inquiries in Life and Earth Sciences. (3-0). Credit 3. Integration and connections among topics in the life and earth sciences – diversity, natural selection, ecosystem development, earth's features, and weather systems; inquiry emphasizing experimental design, data analysis and collection; use of models in the life and earth sciences. Prerequisites: BIOL 111 or BIOL 113 and 123, CHEM 106 and 116, GEOL 101 or GEOG 203, ASTR 101 and 102, and PHYS 205; junior or senior classification; admission to teacher certification. Report of the University Curriculum Committee

MASC 475. Inquiries in Physical Science. (3-0). Credit 3. Integration and connections among topics in physical sciences – matter, energy, force, motion, scientific cycles; focuses on inquiry emphasizing experimental design, data analysis and collection, and use of models in the physical sciences. Prerequisites: BIOL 111, BIOL 113 and 123, CHEM 106 and 116, GEOL 101 or GEOG 203, ASTR 101 and 102, and PHYS 205; junior or senior classification; admission to teacher certification.

POLS 308. Game Theoretic Methods in Political Science. (3-0). Credit 3. Core concepts of game theory to study strategic interaction in politics; game theory using simple mathematical models to describe social situations, understand political and social phenomena; emphasis on model building skills and problem solving. Prerequisites: POLS 206 and junior or senior classification or approval of department head.

RDNG 472. Teaching Writing in Elementary and Middle Grade Classrooms. (3-0). Credit 3. Focuses on effective methods of writing instruction and assessment for the middle grades; reviews and reinforces sound writing practices; exposes students to theory and research in the area of writing instruction. Prerequisite: Junior classification.

SEFB 314. Effective Mathematics Strategies for Students with Disabilities. (3-0). Credit 3. Information and competencies through instruction in effective mathematics instruction for students K-12 with academic learning problems and/or disabilities; effective instruction design and teaching techniques, implementation of methods relevant for active authentic learning; considers state and national standards related to teaching and learning mathematics. Prerequisites: SPED 302; admission to special education program.

VIST 270. Computing for Visualization I. (3-0). Credit 3. Introduction to the theory and practice of visual computer based problem solving; system tools; problem solving principles and practice; basics of software interaction and interface organization; development concepts and principles useful in digital art and visualization production. Prerequisite: MATH 151.

VIST 486. Introduction to Game Design. (3-0). Credit 3. Computer game design; emphasis on interactive storytelling, game play and interface design; history of computer games, review of selected games; analysis of rules of play and simple game prototype development. Prerequisite: Junior or senior classification.

VTPB 415. Immunogenetics and Comparative Immunology. (3-0). Credit 3. Genetic mechanisms used to diversify immune receptors; immunoglobulins, T cell receptors, major histocompatibility complex, natural killer cell receptors, toll-like receptors and many others; selected comparative and veterinary examples of different immune recognition systems; evolution of the immune system. Prerequisites: Junior or senior classification, GENE 320 and VTPB 409 or approval of instructor.

WMST 318. The Economics of Gender and Race. (3-0). Credit 3. Theories and evidence on gender and race differences in labor market outcomes; labor supply and the role of family formation; the effect of human capital and discrimination on earnings; analysis of government policies; international comparisons. Prerequisites: 6 hours drawn from the following: ECON 202, STAT 303, 3 hours in WMST above 200 level; junior or senior classification. Cross-listed with ECON 318.

3. Withdrawal of Courses

EURO 430. Seminar in German Literature and Culture.

EURO 431. German Author and Genre Studies.

GERM 305. German Literary Expression.

GERM 417. The Weimar Republic as Paradigm for European Modernity.

4. Change in Courses

ARCH 331. Foundation Structures.

Lecture and lab hours

From: (3-0) Credit 3.

To: (2-2) Credit 3.

EDTC 311. Adaptive/Assistive Technology.

Prerequisites

From: Admission to Special Education program; junior or senior classification.

To: Admission to Special Education program; SEFB 311, SEFB 414, SEFB 442, EPFB 484.

ENDS 311. Photography I.

Course prefix

From: ENDS 311.
To: ARTS 311.

Course title

From: Photography I.
To: Black and White Photography.

Lab hours

From: (2-4). Credit 3.
To: (2-3). Credit 3.

Prerequisites

From: ENDS 106 or 115 or approval of instructor or department head.
To: ARTS 115; VIZA 106 or approval of instructor and degree coordinator.

ENDS 312. Photography II.

Course prefix

From: ENDS 312.
To: ARTS 312.

Course title

From: Photography II.
To: Advanced Photography.

Lab hours

From: (2-4). Credit 3.
To: (2-3). Credit 3.

Course description and prerequisites

From: Advanced photographic image-making; development of control and presentation of individual photographic expression and comments.
Prerequisite: ENDS 311.
To: Advanced photographic image-making; development, control and presentation of the expressive photographic image; expression and criticism. Prerequisite: ARTS 310 or 311.

EURO 436. German Fairy Tales.

Cross-listing

From: Cross-listed with GERM 436.
To: None.

GERM 362. The German Roaring '20s.

Course title

From: The German Roaring '20s.

To: The Weimar Republic: Literature and Culture.

Prerequisites

From: GERM 202 or 222.

To: GERM 310 or 315, or registration therein.

GERM 430. Seminar in German Literature and Culture.

Course number

From: GERM 430.

To: GERM 410.

Course description, prerequisites, cross-listing

From: Survey of major literary and intellectual landmarks of a period in German history (Enlightenment, Romanticism, High Modernism, post-1945); study of literary works in context of social and cultural history, with attention to Germany's particular place in Europe and the world; taught in English. May be taken two times. Prerequisite: GERM 202 or registration therein, or approval of instructor. Cross-listed with EURO 430.

To: Survey of major literary and intellectual landmarks of a period in German history (Enlightenment, Romanticism, High Modernism, post-1945); study of literary works in context of social and cultural history, with attention to Germany's particular place in Europe and the world; taught in German. May be taken two times. Prerequisite: 6 hours in GERM at 300-level, or approval of instructor.

GERM 431. German Author and Genre Studies.

Course number

From: GERM 431.

To: GERM 411.

Course description, prerequisites, cross-listing

From: Examines the work of a specific author, such as Goethe, Schiller, Kafka, Brecht, Frisch, Grass, or the diachronic study of a specific genre, e.g., poetry, drama, prose; taught in English. May be taken two times. Prerequisite: GERM 202 or registration therein, or approval of instructor. Cross-listed with EURO 431.

To: Examination of the work of a specific author, such as Goethe, Schiller, Kafka, Brecht, Frisch, or Grass, or the diachronic study of a specific genre, e.g., poetry, drama, prose; taught in German. May be taken two times. Prerequisite: 6 hours in GERM at 300-level, or approval of instructor.

GERM 436. German Fairy Tales.

Course number

From: GERM 436.
To: GERM 336.

Course description, prerequisites, cross-listing

From: Introduction to and study of fairy tales and children's literature through German tradition in these forms; reception of fairy tales through adaptation and modernization; taught in English. Prerequisite: GERM 202 or registration therein, or approval of instructor. Cross-listed with EURO 436.
To: Introduction to and study of fairy tales and children's literature through German tradition in these forms; reception of fairy tales through adaptation and modernization; taught in German. Prerequisite: GERM 310 or 305, or registration therein.

PSYC 203. Elementary Statistics for Psychology.

Lecture, lab, and semester credit hours

From: (2-3). Credit 3.
To: (3-2). Credit 4.

PSYC 204. Experimental Psychology.

Lecture, lab, and semester credit hours

From: (2-3). Credit 3.
To: (3-2). Credit 4.

SEFB 320. Education and Employment Issues in Secondary Special Education.

Prerequisites

From: SPED 302; admission to the program.
To: Admission to Special Education program; SEFB 311, SEFB 414, SEFB 442, EPFB 484

VIST 271. Computing Environments.

Course title

From: Computing Environments.
To: Computing for Visualization II.

Course description, prerequisites

From: Introduction to the theory and practice of visual computer based problem solving; system tools; scripting; high level programming constructs; interactive programming and interface design; development concepts and principles useful in digital art and visualization production. Prerequisites: CPSC 206 or approval of the Chair of the Visual Studies Option.

To: Continuation of Computing for Visualization I; concepts of object oriented programming; emphasis on principles and techniques useful for three dimensional visualization and real time graphic display. Prerequisite: MATH 152; VIZA 270.

Dwight Look College of Engineering
Department of Computer Science and Engineering
CPSC course prefix change to CSCE
(see memorandum from Dr. Valerie Taylor)

5. Change in Curricula

College of Education and Human Development

Department of Educational Psychology
B.S. in Interdisciplinary Studies – Bilingual Education
B.S. in Interdisciplinary Studies – Special Education

Department of Teaching, Learning and Culture
B.S. in Interdisciplinary Studies
Early Childhood-Grade 4 Generalist

College of Liberal Arts

B.A. in American Studies

Department of Psychology
B.A. in Psychology
B.S. in Psychology

6. Special Consideration

College of Liberal Arts

Department of Hispanic Studies
Minor in Spanish – Requirement Changes

7. Tabled Items

- New courses: URSC 210, URSC 220, URSC 302, URSC 320, URSC 326, URSC 330, URSC 360, URSC 369, URSC 371, URSC 440, URSC 470, URSC 471, URSC 481, URSC 483.
- Withdrawal of Courses: PLAN 485, PLAN 489

- Change in Courses: PLAN 356, PLAN 360, PLAN 365, PLAN 370, PLAN 414, PLAN 415, URSC 305, URSC 336, URSC 454, URSC 458, URSC 493.
- Change in Curricula: B.S. in Urban and Regional Sciences, B.A. and B.S. in Physics.
- Special Consideration: Minor in Arabic Studies.

8. Other Items

- Discussion on core curriculum (489s); Dr. Knight may request Dr. Slack to attend a UCC meeting.
- Discussion on course forms and electronic submission for approval.