

Minutes of the Undergraduate Curriculum Committee
October 14, 2011
101A General Services Complex

Members present: Robert Knight (Chair), College of Agriculture and Life Sciences; Tim Scott (Vice-Chair), College of Science; Julie Rogers (for Leslie Feigenbaum), College of Architecture; Cathy Sperry (for John Tyler), Dwight Look College of Engineering; Sarah Bednarz, College of Geosciences; Mike Stephenson, College of Liberal Arts; Liesl Wesson, Mays Business School; Glenn Jones, Texas A&M University at Galveston; Daniel Xiao, Texas A&M University Libraries; Jim Kracht (for Lesia Crumpton-Young), Undergraduate Studies; James Herman, College of Veterinary Medicine and Biomedical Sciences; Amin Rasekh and Brody Smith, Student Representatives.

Guests: Shannon Deer, Department of Accounting; Pam Vernon, Department of Agricultural Economics; April Place, Department of Agricultural Leadership, Education, and Communications; David Forrest, Department of Animal Science; Carl Laird, Department of Chemical Engineering; Nancy Street, Department of Communication; Ray James, Dwight Look College of Engineering; Evan Vestal and Matt Whiteacre, Department of Engineering Technology and Industrial Distribution; Elizabeth Tebeaux, Department of English; Richard Feldman, Department of Industrial and Systems Engineering; Jerald Caton, Department of Mechanical Engineering; Jennifer Allen, Department of Poultry Science; Eric Massey and Sandra Spears, Information Technology-Provost Office; Kristin Harper, Undergraduate Studies; Mary Saslow, Department of Visualization.

The Undergraduate Curriculum Committee recommends approval of the following:

1. The minutes of the September 9, 2011 meeting.
2. New Courses

ACCT 403. Energy Accounting. (3-0). Credit 3. Overview of the oil and gas industry and specialized financial accounting procedures associated with the industry; emphasis on accounting for exploration, development, production, depletion and amortization, joint operations, asset impairment and retirement obligation; includes reserve accounting/disclosure related to the above topics. Prerequisite: ACCT 327 with C or better.

ALED 350. Global Agricultural Issues. (3-0). Credit 3. Review of global agricultural issues (products, environment, people, and culture) affecting international agricultural development; concepts and principles underlying the processes of teaching, research, and service opportunities in international agricultural development and education situations. Prerequisites: Junior or senior classification or approval of instructor; GEOG 202.

BIOL 300. Research Seminar: Tropical Ecology in Costa Rica. (1-0). Credit 1. Advanced instruction in research activities for Costa Rica; critical planning and writing skills essential in conducting research and communicating results using scientific methods and formatting. Prerequisites: Junior or senior classification; approval of instructor.

BIOL 487. Biomedical Parasitology. (3-2). Credit 4. Helminth and protozoan parasites of medical and veterinary importance; life cycles, morphology, taxonomic classification, economic and public health aspects and current topics in parasitic diseases. Prerequisites: BIOL 107 or BIOL 112; junior or senior classification or approval of instructor. Cross-listed with VTPB 487.

FINC 350. Ethics in Financial Decision-Making. (1-0). Credit 1. Recognition and avoidance of breaches of fiduciary duty in the financial workplace; integration of classical ethical codes of conduct into professional decision-making; analysis and application of practitioner standards of conduct. Prerequisites: Junior or senior classification; admission to upper division in Mays Business School; FINC majors only.

FINC 368. Trade Floor Dynamics. (3-0). Credit 3. Analysis of trade floor activities and behaviors; organizational and process structure of trade floors; characteristics of trade floors that vary by type of asset traded, trading objectives and contract structure; analysis of operational issues including credit constraints, trade strategies, and regulatory compliance. Prerequisites: Junior or senior classification or approval of instructor; admission to Trading, Risk and Investment Program (TRIP).

FINC 428. Fixed Income Analysis. (3-0). Credit 3. Characteristics of fixed income securities including Treasury issues, federal agency issues, corporate and municipal bonds, mortgage-backed and asset-backed securities; institutional features fixed income markets; risks of bond investing; fixed income valuation; term structure; trade strategies; modeling and assessing credit risks; hedging with fixed income derivatives. Prerequisites: Junior or senior classification; FINC 421 and FINC 434.

FINC 449. Financial Modeling. (3-0). Credit 3. Computer-based modeling of contemporary problems in investments and corporate finance including asset pricing, portfolio optimization, valuation, capital budgeting, cost of capital, risk assessment, and option pricing; using models to evaluate financial decision variables and alternative investment strategies. Prerequisites: Junior or senior classification; FINC 421 and FINC 434.

3. Withdrawal of Courses

EURO 425. French Film.

EURO 434. Martin Luther and the Reformation in Germany

EURO 435. German Film.

EURO 455. Italian Film.

4. Change in Courses

ARTS 304. Graphic Design II.

Course description

From: Continuation of ARTS 203; concepts in advanced graphics as a tool for design solutions for publication and promotion; emphasis on creative thinking over technology.

To: Continuation of ARTS 303; concepts in advanced graphics as a tool for design solutions for publication and promotion; emphasis on creative thinking over technology.

Prerequisites

From: ARTS 203; junior or senior classification.

To: ARTS 303; junior or senior classification.

ARTS 305. Painting I.

Prerequisites

From: ARTS 111, ENDS 115 or any drawing class or approval of instructor and undergraduate program coordinator.

To: ARTS 111, ARTS 115 or any drawing class or approval of instructor and undergraduate program coordinator; junior or senior classification.

ARTS 403. Graphic Design III.

Prerequisites

From: ARTS 203 and ARTS 304; junior or senior classification or approval of instructor and undergraduate degree coordinator; knowledge of industry-standard software (Adobe Photoshop, InDesign and Illustrator) is expected.

To: ARTS 303 and ARTS 304; junior or senior classification or approval of instructor and undergraduate program coordinator; knowledge of industry-standard software (Adobe Photoshop, InDesign and Illustrator) is expected.

FINC 421. Investment Analysis.

Prerequisites

From: Junior or senior classification; FINC 341 with a grade of C or better.

To: Junior or senior classification; ACCT 315 or ACCT 327 with a grade of C or better; FINC 341 with a grade of C or better; INFO 303 with a grade of C or better or AP STAT 301.

FINC 425. Portfolio Management.

Course title

From: Portfolio Management.

To: Active Portfolio Management.

Course description

From: Overview of the investment industry and the portfolio management process; includes indices and benchmarks, portfolio structuring, stock vs. sector selection, performance measurement, and attribution analysis, investment products and distribution, and current issues affecting the investment industry.

To: Analysis of investment tactics designed to earn abnormal returns; identification and evaluation of active strategies that exploit capital market anomalies and market inefficiencies; portfolio structuring, stock and sector selection, performance measurement, attribution analysis and benchmarks in inefficient markets.

FINC 434. Managerial Finance I.

Prerequisites

From: Junior or senior classification; FINC 341 with a grade of C or better.

To: Junior or senior classification; ACCT 315 or ACCT 327 with a grade of C or better; FINC 341 with a grade of C or better; INFO 303 with a grade of C or better or AP STAT 301.

IDIS 303. Mechanical Power Transmission.

Prerequisites

- From: Admitted to major degree sequence (upper-level) in industrial distribution.
- To: IDIS 300 or equivalent course with approval of instructor; admitted to major degree sequence (upper-level) in industrial distribution.

IDIS 364. Distributor Operations and Financial Management.

Course number

- From: IDIS 364.
- To: IDIS 464.

Prerequisites

- From: ACCT 209 and 210; admitted to major degree sequence (upper-level) in industrial distribution.
- To: ACCT 209 and IDIS 343; admitted to major degree sequence (upper-level) in industrial distribution.

IDIS 420. Electronic Distribution Networks.

Course title

- From: Electronic Distribution Networks.
- To: Contemporary Topics in Electronics Distribution: Going Green.

Course description

- From: Study of concepts, issues, and techniques used to plan, analyze and control industrial/electronic distribution networks; interdisciplinary approach combining team projects, individual research, case study analysis, and interaction with industry executives; design of roadmaps and target plans for territory penetration.
- To: Study of concepts, issues, and techniques used to plan and analyze supply chain for new generation of green products; utilize interdisciplinary approach combining team projects, individual research, case study analysis, and interaction with industry executives; creation of marketing and distribution roadmaps for growth opportunities.

Prerequisites

- From: Junior or senior classification; admitted to major degree sequence (upper-level) in industrial distribution.
- To: IDIS 300 and IDIS 343; junior or senior classification; admitted to major degree sequence (upper-level) in industrial distribution.

IDIS 424. Purchasing Application in Industrial Distribution.

Prerequisites

- From: IDIS 340 and 343 or registration therein; admitted to major degree sequence (upper-level) in industrial distribution.
- To: IDIS 340 and IDIS 343; admitted to major degree sequence (upper-level) in industrial distribution.

IDIS 430. Sales Engineering.

Course number

From: IDIS 430.

To: IDIS 330.

Prerequisites

From: IDIS 340; junior or senior classification; admitted to major degree sequence (upper-level) in industrial distribution.

To: IDIS 240; admitted to major degree sequence (upper-level) in industrial distribution.

IDIS 434. The Quality Process for Distributors.

Course title

From: The Quality Process for Distributors.

To: The Quality Process in Distribution.

Course description

From: Application of the “Deming” principles specifically for distributors, including customer needs analysis, research and data collection methodology, employee involvement techniques, team building, leadership, communications, statistical methods and data analysis; solutions to quality problems for distributors.

To: Application of the “Deming” principles specifically for distributors, including customer needs analysis, research and data collection methodology, employee involvement techniques, team building, statistical methods and data analysis; solutions to quality problems for distributors, lean and six-sigma principles.

Prerequisites

From: IDIS 424; IDIS 340; must be taken the last semester before graduation.

To: IDIS 344; admitted to major degree sequence (upper-level) in industrial distribution.

IDIS 444. Leadership in Technology.

Course title

From: Leadership in Technology.

To: Ethics and Leadership in Distribution.

Prerequisites

From: IDIS 430; must be taken the last semester before graduation; admitted to major degree sequence (upper-level) in industrial distribution.

To: IDIS 330; must be taken the last semester before graduation; admitted to major degree sequence (upper-level) in industrial distribution.

MEEN 315. Principles of Thermodynamics.

Lecture and lab hours

From: (2-2). Credit 3.

To: (3-0). Credit 3.

Prerequisites

From: MEEN 221; MATH 251 or 253.

To: MEEN 221; MATH 251 or MATH 253; junior or senior classification.

MGMT 363. The Management Process.

Course title

From: The Management Process.

To: Managing People in Organizations.

Course description

From: Management as an academic discipline; goal setting; planning, controlling and decision-making; models for thinking about organizations; organization change; models for understanding individual behavior; job performance and job satisfaction; interpersonal behavior, motivation and leadership, behavior in work groups; careers in management, ethics and international management.

To: The role and importance of human behavior in organizations; models for understanding individual, group, and team dynamics, including individual differences, motivation, and leadership; managing organizational change; ethical issues in organizations; cross-cultural issues in managing people in organizations; the organizational context as determined by human resource management and organization design.

MGMT 372. Managing Organizational Behavior.

Course title

From: Managing Organizational Behavior.

To: Advanced Concepts in Organizational Behavior.

Course description

From: Provides the tools for understanding the organizational actions of individuals, groups and organizations; related theory and research to organizational problems by reviewing advanced concepts in motivation and perception, decision-making, communication and influence, group behavior, conflict and cooperation, social networks, politics, corporate culture, organizational structure and environmental influences.

To: Builds on the survey of organizational behavior in MGMT 363; review of core concepts and their application in organizational settings; includes personality and individual differences, job design, group and team dynamics, leadership and decision-making, conflict and cooperation, cross-cultural aspects of behavior in organizations.

5. Change in Curricula

College of Agriculture and Life Sciences

Department of Agricultural Economics
B.S. in Agricultural Economics
Finance and Real Estate
Food Marketing Systems
Policy and Economic Analysis
Rural Entrepreneurship

College of Architecture

Department of Landscape Architecture and Urban Planning
B.S. in Urban and Regional Planning

Dwight Look College of Engineering

Artie McFerrin Department of Chemical Engineering
B.S. in Chemical Engineering

Department of Engineering Technology and Industrial Distribution
B.S. in Industrial Distribution

6. Administrative Change

College of Liberal Arts

B.A. in International Studies

Arabic and Asian Language Office
Asian Studies Program

Department of European and Classical Languages and Cultures
B.A. in Classics

Request to reorganize the interdisciplinary programs within the College of
Liberal Arts and one academic unit into the Department of International Studies

7. Special Consideration

College of Agriculture and Life Sciences

Department of Ecosystem Science and Management
Minor in Forestry
Minor in Rangeland Ecology and Management
Requirement changes

Department of Poultry Science
Minor in Poultry Science – requirement changes

College of Architecture

Department of Visualization
Minor in Art – increase in program hours

College of Liberal Arts

Africana Studies Program

Africana Studies Minor – requirement changes

Department of Communication

Request for a Communication and Global Media Certificate

Request for a Communication Leadership and Conflict Management Certificate

8. Other Business – Special Consideration

Texas A&M University

UCC supports the action taken by the Texas Higher Education Coordinating Board (THECB) and recommends approval of the program phase-outs and consolidations.

9. Tabled Items

- New Courses
 - ACCT 421 – no make-up on quizzes-violates University policy; needs consultation with Communications.
 - COMM 324 – needs consultation with ALED.

10. Items Not Approved

- Special Consideration
 - Dwight Look College of Engineering
 - Request to establish policy on course credit for military veterans
 - Dwight Look College of Engineering
 - Department of Industrial and Systems Engineering
 - B.S. in Industrial Engineering
 - Request to retroactively change grading requirements

11. Election of Chair and Vice Chair. The committee elected Dr. Tim Scott as Chair and Dr. Sarah Bednarz as Vice Chair of the Undergraduate Curriculum Committee to serve through December 2013.

12. Other Business

- Feedback from Student Rules Committee on proposed changes to Rules 7 (Attendance) and 10 (Grading). T. Scott and J. Herman to meet with Chair, Rules and Regulations Committee on proposed recommendations by UCC.
- Discussion and vote on the actions taken by the coordinating board regarding TAMU's low producing programs. Approval requested to send forward to Faculty Senate. Approved (2 opposed) as submitted.