

UNIVERSITY CURRICULUM COMMITTEE
September 19, 2013

The University Curriculum Committee met on Thursday, September 19 at 3:00 p.m. in the Dean's Conference Room, Derryberry Hall, Room 200.

Members present:

Dr. Melinda Anderson	Dr. Linda Null
Dr. Curtis Armstrong	Dr. Richard Rand
LTC Dominic Ciaramitaro	Dr. Mohan Rao
Dr. Kristine Craven	Dr. James Raymondo
Mr. Ward Doubet	Dr. Jeff Roberts
Ms. Edith Duvier	Dr. Joe Roberts
Dr. Kurt Eisen	Dr. Stephen Robinson
Dr. Ahmed Elsayy	Ms. Beth Rogers
Dr. Steve Frye	Mr. Steve Smith
Dr. Julie Galloway	Dr. Barry Stein
Dr. Mark Groundland	Dr. Jeremy Wendt
Dr. Mike Harrison	Ms. Janet Whiteaker
Dr. Bobby Hodum	Ms. Jerri Winningham
Dr. Sharon Huo	Ms. Christina Bechard
Dr. Steve Isbell	Ms. Jessica Henkle
Dr. Wayne Johnson	
Dr. Allan Mills	
Dr. Ben Mohr	

Members absent:

Mr. Jeff Adams	Dr. Liz Mullens
Dr. Pedro Arce	Dr. Paul Semmes
Dr. Rita Barnes	Dr. Matt Smith
Dr. Jeff Boles	Dr. Mark Stephens
Dr. Billye Foster	Mr. Westlee Walker
Dr. Bahman Ghorashi	Ms. Andrea Shook
Dr. James Jordan-Wagner	Ms. Kelsey Jozwik
Dr. Roy Loutzenheiser	Ms. Alicen
Dr. Joseph Rencis	Ms. Casey Willmore

Official representatives:

Ms. Demetria Mells for Dr. Baker	Ms. Kim Hanna for Ms. Russell
Ms. Sharon Holderman for Dr. Bates	Dr. Michael Clark for Dr. Shank
Dr. Chris Brown for Dr. Cook	Dr. David Hume for Dr. Talbert
Dr. Tammy Boles for Dr. Geist	Dr. Russ Witcher for Dr. Wilson

Guests:

Ms. Denise Burgess	Ms. Cari Williams
Ms. Brandi Hill	Dr. Jack Matson

SUMMARY OF PROCEEDINGS

PROCEEDINGS

1. Approval of Agenda as Revised

Dr. Anderson requested the following revisions to the agenda. 1) withdraw memorandum from the Department of Curriculum and Instruction (READ 6600); 2) item 16-change title from Environmental and Sustainability Studies to School of Environmental Studies; 3) move item #7 to Item #6 and item #6 to item #7; 4) move item #11 to item #3, moving all other item down one position.

Motion. Dr. Elsayy moved to approve the agenda as revised. The motion was seconded by Dr. Isbell and carried.

2. Approval of March 21, 2013 Minutes as Revised

Dr. Anderson requested a non-substantive editorial revision for NURS 4990 to be repeatable by adding the following statement – “Students may take a total of up to 6 hours of Special Topics hours with no more than 3 hours on a single topic. Up to 6 hours may be taken for upper division.”

Motion. Dr. Mills moved to approve the minutes as revised. The motion was seconded by Dr. Elsayy and carried.

3. Approval of Course Additions, Changes and Curriculum Changes from the Department of Electrical and Computer Engineering

In a memorandum dated September 5, 2013, approval was requested for the following:

Course Additions

ECE 4931 - Research Topics. Credit 1.

Prerequisite: Consent of instructor. Development of research proposal including problem definition, literature review, and identification of potential research approaches.

ECE 4932 - Research Topics. Credit 2.

Prerequisite: Consent of instructor. Execution of research proposal developed in ECE 4931, culminating in a final report including experimental or simulation results.

ECE 4933 - Research Topics. Credit 3.

Prerequisite: Consent of instructor. Development of research proposal including problem definition, literature review, and identification of potential research approaches. Execution of research proposal developed, culminating in a final report including experimental or simulation results.

Course Deletions

ECE 4930 - Research and Design. Credit 3.

Prerequisite: Senior ECE standing and consent of instructor. Problems in the field of electrical engineering having considerable scope as a research and design problem. (Because of the impossibility of duplicating the conditions on special research and design problem(s), this course may not be repeated for improvement of a grade.)

Course Changes

FROM:

ECE 3010 - Signals and Systems. Lec. 3. Credit 3.

Prerequisite: ECE 2001, ~~ECE 2010~~, ECE 2020 and MATH 2120 (~~ECE 2001 and/or ECE 2020 may be taken concurrently~~). Time domain and frequency domain analysis of signals and systems, applications of Fourier series, Fourier transform, and Laplace transform

4. Approval of Course Addition, Change and Curriculum Change from the Department of Communication

In a memorandum dated August 26, 2013, approval was requested for the following:

Course Addition

SPCH 2430 Interpersonal Communication Lec. 3, Credit 3

Prerequisite: SPCH 2410 Introduction to Speech Communication. This course examines basic verbal and nonverbal elements affecting communication between individuals in family, peer group, and work contexts. Students are presented with the principles, concepts, attitudes, skills, and techniques necessary for successful interaction in one-to-one settings. The main emphasis is placed on effective management of personal and professional relationships.

Course Change

From: SPCH 4430 Interpersonal Communication

To: SPCH 4430 Interpersonal Communication, Prerequisite: SPCH 2430 or consent of instructor

Curriculum Changes:

In the Junior year delete JOUR 3760 History and Law of Journalism and replace with the **new** course JOUR 3750 History of Journalism

In the Sophomore year put **new** SPCH 2430 Interpersonal Communication course in place of SPCH 3610 Foundations of Speech. Move SPCH 3610 Foundations of Speech into Junior year. Change the number of Electives from 9 hrs. to 6 hrs. in Junior year.

Motion. Dr. Witcher, representing Dr. Wilson, moved to approve the changes effective Fall 2014. The motion was seconded and carried.

5. Approval of Course Additions, Changes and Curriculum Changes from the Department of Communication

In a memorandum dated August 26, 2013, approval was requested for the following:

Course Additions

JOUR 3750 History of Journalism Lec. 3, Credit 3

Prerequisite: JOUR 2220 Mass Communication in a Changing Society. The history of the press from colonial times to the present. Emphasis on major trends, persons, events.

JOUR 3770 Law of Journalism Lec. 3, Credit 3

Prerequisite: JOUR 2220 Mass Communication in a Changing Society. The law of the press from colonial times to the present.

Course Deletion

JOUR 3670 History and Law of Journalism

EFFECTIVE: Fall 2014

Course Changes

From: JOUR 4460 (5460) Public Relations-Cases and Practices Lec. 3, Credit 3

Prerequisite: JOUR 3460. Practical aspects of public relations emphasized. Case studies considered. Builds on knowledge and expertise acquired in JOUR 3460.

To: JOUR 4460 (5460) Public Relations-Cases and Practices Lec. 3, Credit 3

Prerequisites: JOUR 3460 and either JOUR 3350 Newspaper Production and Design OR JOUR 4360 Magazine Production and Design. Practical aspects of public relations emphasized. Case studies considered. Builds on knowledge and expertise acquired in JOUR 3460.

Change in the prerequisite for JOUR 4460 Public Relations-Cases and Practices to include **as well JOUR 3350** Newspaper Production and Design **or JOUR 4360** Magazine Production and Design.

EFFECTIVE: Spring 2014

Curriculum Changes

In the junior year, delete POLS 3330 State and Local Government and replace with the **new** course JOUR 3750 History of Journalism in the news editorial option.

In the junior year, delete SOC 4430 People in Organizations and replace with the **new** course JOUR 3750 History of Journalism in the public relations option.

In the junior year, delete JOUR 3760 History and Law of Journalism and replace with the **new** course JOUR 3770 Law of Journalism in both the news editorial and public relations options.

In the senior year, delete SOC 1650 Social Pr

Course Changes

FROM:

MATH 1710. Pre-calculus I. Lec. 3. Credit 3.

Review of algebra; relations and functions and their graphs, including polynomial and rational functions; conic sections; inequalities, arithmetic, and geometric sequences and series. Credit will not be given for both MATH 1710 and MATH 1730.

MATH 1720. Pre-calculus II. Lec. 3. Credit 3.

Circular functions and radian measure, graphs of the trigonometric functions, trigonometric identities, and equations, the inverse trigonometric functions, polar coordinates. Applications involving triangles, vectors in the plane and complex numbers. Credit will not be given for both MATH 1720 and MATH 1730.

MATH 1730. Pre-Calculus Mathematics. Lec. 5. Credit 5.

Prerequisites: Two years of high school algebra, one year of high school geometry, and 12 weeks of trigonometry. Review of algebra and trigonometry; relations and functions and their graphs, including polynomial and rational functions; conic sections; inequalities; polar coordinates; complex numbers; and advanced topics in algebra. Credit will not be given for both MATH 1730 and any of MATH 1710 and MATH 1720.

TO:

MATH 1710. Pre-calculus I. Lec. 3. Credit 3.

Prerequisites: ACT Math score of 22 or higher or equivalent COMPASS score or C or better in MATH 1000.

Review of algebra; relations and functions and their graphs, including polynomial and rational functions; conic sections; inequalities, arithmetic, and geometric sequences and series. Credit will not be given for both MATH 1710 and MATH 1730.

MATH 1720. Pre-calculus II. Lec. 3. Credit 3.

Prerequisites: ACT Math score of 22 or higher or equivalent COMPASS score or C or better in MATH 1000.

Circular functions and radian measure, graphs of the trigonometric functions, trigonometric identities, and equations, the inverse trigonometric functions, polar coordinates. Applications involving triangles, vectors in the plane and complex numbers. Credit will not be given for both MATH 1720 and MATH 1730.

MATH 1730. Pre-Calculus Mathematics. Lec. 5. Credit 5.

Prerequisites: ACT Math score of 25 or higher or equivalent COMPASS score. Two years of high school algebra, one year of high school geometry, and 12 weeks of trigonometry.

Review of algebra and trigonometry; relations and functions and their graphs, including polynomial and rational functions; conic sections; inequalities; polar coordinates; complex numbers; and advanced topics in algebra. Credit will not be given for both MATH 1730 and any of MATH 1710 and MATH 1720.

Motion. Dr. Mills moved to approve the changes effective Fall 2014. The motion was seconded by Dr. Isbell and carried.

7. Approval of Course Additions and Curriculum Changes from the Department of

POLS 4100 or 3610 or 3670 or 3650 or 3200 or 4510 or **POLS Special Topics in International or Comparative content.**

Senior Year:

Political Science (9 hours) from:

POLS 3100 or 3101 or 3300 or 3310 or 3320 or 3500 or 4220 or **4250** or 4520 or 4920 or 4960 or 4950 or POLS Special Topics in International or Comparative content.

Students will work individually,

GERM 4925-Teaching Licensure Senior Capstone, 2 credit hours.

SEED Spanish Program of Study:

Please change SPAN 4920-Senior Capstone, 3 credit hours, to

SPAN 4925-Teaching Licensure Senior Capstone, 2 credit hours.

Motion. Dr. Wendt moved to approve the changes effective Fall 2013. The motion was seconded by Dr. Groundland and carried.

10. Approval of Course Change from the Department of Curriculum and Instruction

In a memorandum dated September 4, 2013, approval was requested for the following:

Course Change

From:

READ 3312 Literacy II Lec. 5, Credit 5

Prerequisite: Full admission to the Teacher Education Program. This course is an integration of concepts fundamental to the development of literacy from birth through middle grades. It includes a study of language development and communication skills, language arts, content area reading, and the assessment and selection of appropriate instructional strategies based upon student need.

To:

READ 3312 Literacy II – Middle School Reading Program Lec. 7, Credit 7

Prerequisite: Full admission to the Teacher Education Program. This course is an integration of concepts fundamental to the development of literacy from birth through middle grades. It includes a study of language development and communication skills, language arts, content area reading, and the assessment and selection of appropriate instructional strategies based upon student need.

Motion. Dr. Wendt moved to approve the change effective immediately. The motion was seconded by Dr. Eisen and carried.

11. Approval of Course Change from the Department of Biology

In a memorandum dated August 26, 2013, approval was requested for the following:

Course Change

From:

BIOL 1115 General Zoology

To:

BIOL 1114 General Zoology

Motion. Dr. Brown, representing Dr. Cook, moved to approve the change effective Spring 2014.

12. Approval of Course Change from the Department of Basic Engineering

14. Proposal from the Department of Chemical Engineering

Motion. Dr. Elsayy moved to postpone the proposal until the October 31 meeting, as there was not a representative from the Department of Chemical Engineering to present the proposal. The motion was seconded by Dr. Rand and carried.

15. General Education Course Changes – Informational Only

Dr. Eisen presented the following changes to the General Education list of classes:

General Education – Mathematics

Remove MATH 1410 Survey of Elementary math I from the list of TTU general education mathematics courses

Add MATH 1420 Survey of Elementary Math II to the list of TTU general education mathematics courses

General Education – Natural Sciences

Add GEOG 2010 Introduction to Meteorology to the TTU general education list for natural Sciences

Effective: Fall 2014

16. Approval of Course Change from the Department of Decision Sciences and Management

In a memorandum dated August 30, 2013, approval was requested for the following:

Course Change

From:

DS 3620 Management Science Lec. 3, Credit 3

Prerequisite: ECON 3610. Applications of management science methods to business problem solving. Enrollment in junior- or senior-level DS courses requires junior standing. All business majors must have completed the Basic Business Program.

To:

DS 3620 Business Analytics: Data Driven Decision Making Lec. 3, Credit 3

Prerequisites: DS 2810, ECON 3610. Business Analytics is the use of data and quantitative methods to help managers gain insight about business operations. This course will provide the fundamental concepts and tools needed to understand the role of business analytics in organizations.

Motion. Dr. Armstrong moved to approve the changes effective Spring 2014. The motion was seconded by Dr. Rand and carried.

17. Approval of Course Prerequisite or Co-requisite Change from the Department of Decision Sciences and Management

In a memorandum dated August 23, 2013, approval was requested for the following:

Addition of Prerequisite or co-requisite

From:

BMGT 4930

Prerequisites: FIN 3210, MKT 3400, BMGT 3510

To:

BMGT 4930

FIN 3210, MKT 3400, BMGT 3510, **DS 3520**

Motion. Dr. Armstrong moved to approve the change effective Spring 2014. The motion was seconded by Dr. Stein and carried.

The new concentration will require the addition of one course and the revision of two existing courses. The titles and descriptions are listed below.

Additional Course – DS 4510:

Course Number and Title: DS 4510 – Business Intelligence and Analytics Capstone

Course Description: Prerequisite DS 4210; Prerequisite or Co-requisite DS 4220. This course brings together foundations of business intelligence and analytics by using a wide array of techniques to solve real-world business problems and support business decision-making.

Additional Course – DS 4210:

Course Number and Title: DS 4210 – Business Intelligence

Course Description: Prerequisite DS 3860. Business Intelligence (BI) is the process of collecting data from a variety of sources and providing it to decision-makers in a form that enhances business value. This course will provide an understanding of data organization, BI processes and techniques, and how to transform data to support business decision-making.

Additional Course – DS 4220:

Course Number and Title: DS 4220 – Advanced Business Analytics

Modified Course Description: Prerequisite DS 3620. This course provides an in-depth examination of the benefits and challenges of implementing analytics in a business environment. It also covers advanced topics in data analysis that will assist managers in making better decisions.

Introduction to and development of a basic vocabulary in Signed English concepts in the use of alternative methods of communication.

LIST 4090 (SPED) Sign Language II Lec. 3, Credit 3

Prerequisite: LIST 4050. Continuation of vocabulary development in Signed English and appreciation of practical situations in various professional fields.

Motion. Dr. Frye moved to approve the additions. The motion was seconded by Dr. Joe Roberts and carried.

23. Approval of Course Addition from the School of Environmental Studies

In a memorandum dated August 27, 2013, approval was requested for the following:

Course Addition

ESS 4900 Internship Credit 3

Prerequisite: At least 9 hours in ESS coursework and junior standing.

Students are placed in a public or private agency or organization which is compatible with their interests in environmental and sustainability studies.

Motion. Dr. Tammy Boles, representing Dr. George, moved to approve the addition effective Spring 2014. The motion was seconded by Dr. Frye and carried.

24. Approval of Course Changes from the School of Environmental Studies

In a memorandum dated August 27, 2013, approval was requested for the following:

Course Changes

From:

ESS 1100. Introduction to Environmental Studies. Credit 3.

This course is an introductory course to the field of environmental studies. Environmental problems are complex, involving interconnections between people, ecosystems and the biosphere. The solution to these problems requires an understanding of diverse areas of study, including chemistry, biology, ecology, toxicology, hydrology, psychology, sociology, anthropology, economics, ethics, history, law, politics, literature and communication.

To:

ESS 1100. Introduction to Environmental Studies. Lec. 3. Credit 3.

This course is an introductory course to the field of environmental studies. Environmental problems are complex, involving interconnections between people, ecosystems and the biosphere. The solution to these problems requires an understanding of diverse areas of study, including chemistry, biology, ecology, toxicology, hydrology, psychology, sociology, anthropology, economics, ethics, history, law, politics, literature and communication.

From:

ESS 3000 - Introduction to Environmental Law. Credit 3.

The course presents the basics of environmental laws from local governments to international

agreements emphasizing U.S. laws and the roles of federal and state agencies in our domestic legal.

To:

ESS 3000 - Introduction to Environmental Law Lec. 3 Credit 3.

Prerequisite: Junior standing or consent of instructor. The course presents the basics of environmental laws from local governments to international agreements emphasizing U.S. laws and the roles of federal and state agencies in our domestic legal. **The interaction of law with policy formulation, implementation and enforcement, and opportunities for citizen involvement are reviewed.**

From:

ESS 4001 - Society and the Environment: Capstone Experience Part I Credit 3.

Prerequisite: Senior standing. The course is the first semester of a two semester sequence that will be a case study to learn about the environmental issues and possible solutions. The first semester course will address interdisciplinary approaches to environmental issues, research methods and grantsmanship.

To:

ESS 4001 - Society and the Environment: Capstone Experience Part 1.
Lec. 3 Credit 3.

Prerequisite: Senior standing. The course is the first semester of a two semester sequence that will be a case study to learn about the environmental issues and possible solutions. The first semester course will address interdisciplinary approaches to environmental issues, research methods and grantsmanship.

From:

ESS 4002 - Society and the Environment: Capstone Experience Part 2.
Credit 3.

Prerequisite: ESS 4001. The course topic will focus on a specific environmental issue facing society. The course will be conducted as a case study to learn about the environmental issues and possible solutions.

To:

ESS 4002 - Society and the Environment: Capstone Experience Part 2.
Lec. 3 Credit 3.

Prerequisite: ESS 4001. The course topic will focus on a specific environmental issue facing society. The course will be conducted as a case study to learn about the environmental issues and possible solutions.

From:

ESS 4300 -

To:
ENGR 1310