

Armstrong

UNIVERSITY CURRICULUM COMMITTEE

University Hall 282

Minutes, April 1, 2015

PRESENT: Suzanne Carpenter, Becky da Cruz, Mirari Elcoro, Katrina Embrey, Sara Gremillion (vice chair), Jackie Kim, David Lake (chair), Kam Fui Lau, Anthony Parish, Julie Swanstrom, James Todesca, Phyllis Fulton (Catalog Editor)

ABSENT: Myka Campbell, Robert Harris

GUESTS: Donna Brooks, Brent Feske, Delana Gajdosik-Nivens, Rock McCaskill, Sandy Streater, Teresa Winterhalter

CALL TO ORDER. The meeting was called to order at 3:00 p.m. by Dr. David Lake.

APPROVAL OF MINUTES. The minutes of March 4, 2015 were approved as presented.

ITEMS

I. College of Education (no items)

II. College of Health Professions (no items)

III. College of Liberal Arts

A. Art, Music, and Theatre (no items)

B. Criminal Justice, Social, and Political Science (no items)

C. Economics (no items)

D. Gender Studies (no items)

E. History (no items)

F. Languages, Literature, & Philosophy (no items)

G. Liberal Studies

Item 1 from the Liberal Studies program was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.

1. Modify the following program of study:

PROGRAM FOR THE DEGREE OF ASSOCIATE OF ARTS

A. General Requirements (Core Areas A, B, C, D.I, and E) 42 hours

Physical Education2 hours

First-Year Seminar 1 hour

B. Additional Requirements18 hours

COMM 2280 Speech Communication

Fifteen ~~credit~~~~additional semester~~ hours of electives. ~~or courses in the area of concentration~~ Students planning work toward a baccalaureate degree should select courses that meet listed requirements of that degree program.

Rationale: Clarity of language.

Effective Term: Fall 2015

H. Honors Program (no items)

IV. College of Science and Technology

A. Biology (no items)

B. Chemistry and Physics

Items 1-6 from the Department of Chemistry and Physics were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

Rationale for items 1-6: The non-major students to whom these courses are targets take are increasing taking MATH 1001, not MATH 1111. In addition, with new learning support mathematics changes, many students will no longer be eligible for MATH 1111 if they do not take a learning support course with it. The prediction is these students likely will opt for MATH 1001 rather than take MATH 1111 and the remediation course. Thus, many students who may be interested in our core offerings will no longer be able to take the courses above if the pre-req is not changed. This pre-requisite change will allow those students who presently are not eligible to take our core course offerings to enroll in the courses below. (Note: this proposed pre-requisite would be in line with our current pre-requisite structure for SCIE 1212 in our curriculum).

Effective Term: Fall 2015 (none of these courses are being offered in Fall 2015)

1. Modify the following prerequisites:

ASTR 1010 ASTRONOMY OF THE SOLAR SYSTEM

3-0-3

Prerequisite: eligibility for **MATH 1001** or MATH 1111

2. **Modify the following prerequisites:**
ASTR 1020 STELLAR AND GALACTIC ASTRONOMY 3-0-3
 Prerequisite: eligibility for **MATH 1001** or MATH 1111
3. **Modify the following prerequisites:**
ASTR 3000 INTRODUCTION TO THE UNIVERSE 3-0-3
 Prerequisite: eligibility for **MATH 1001** or MATH 1111
4. **Modify the following prerequisites:**
GEOL 2010 INTRODUCTION TO PHYSICAL GEOLOGY 3-0-3
 Prerequisite: eligibility for **MATH 1001** or MATH 1111
5. **Modify the following prerequisites:**
GEOL 2010H HONORS PHYSICAL GEOLOGY 3-3-4
 Prerequisite: eligibility for **MATH 1001** or MATH 1111
6. **Modify the following prerequisites:**
GEOL 3100 INTRODUCTION TO HISTORICAL GEOLOGY 3-0-3
 Prerequisite: eligibility for **MATH 1001** or MATH 1111

C. Computer Science and Information Technology

Items 1-3 from the Department of Computer Science and Information Technology were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. **Modify the following program of study:**

Cyber Security Minor

Cyber Security ~~24~~18 hours
~~CSCI 1150~~, CSCI 2070, ~~CRJU~~ITEC 3700, ~~CRJU~~ITEC 4200, ~~CRJU~~ITEC 4300
 One course selected from: ITEC 1310, CSCI 1301
 One course selected from: CRJU 3300, CRJU 3500, CRJU 3600, CRJU 5500U

Rationale: (Note: This minor was revised at the 11/5/14 meeting, but requires further revision). Removing CSCI 1150 (not prerequisite for any of these courses) to bring the minor down to the 18-hour maximum. Removing CRJU cross-listing because these courses have not been created yet.

Effective Term: Fall 2015

2. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY

B. Major Field Courses	36 hours
CSCI 2070 – Ethical Considerations in Computer Science	
CSCI 3301 CSCI 2201 – UNIX and Secure Web Development	
ITEC 2530 – Operating Systems	
ITEC 3500 – Database Administration	
ITEC 3600 – Systems Analysis and Design	
ITEC 3700 – Cyber Security I	
ITEC 3710 – E-commerce	
ITEC 3800 – Data Communications and Networks	
ITEC 4391 – Senior Capstone Project I	
ITEC 4392 – Senior Capstone Project II	
ITEC 4770 – Client/Server Systems	
ITEC 4800 – Network Design and Administration	
ITEC 4830 – Graphics Design	

Rationale: In the 2011-2012 academic year, CSCI 2201 was changed to CSCI 3301. This was reflected in the one IT course for which it is a prerequisite, ITEC 3710, but for some reason, this was never changed in the Program of Study. It is changed now. Note: the Program for the Degree in this proposal has been changed to reflect the already approved change of ITEC 5001U to ITEC 3700.

Effective Term: Fall 2015

3. Modify the following course:

CSCI 2625 DISCRETE STRUCTURES FOR COMPUTER SCIENCE 3-0-3
Prerequisite: CSCI 1302 ~~and MATH 1161~~

Rationale: The material in Discrete Structures requires a knowledge of Pre-Calculus (MATH 1113), rather than Calculus (MATH 1161). Previously, MATH 1161 was added as the prerequisite (instead of MATH 1113) because it is required separately for the Computer Science major, and this did not cause any difficulty for students getting the extra math experience before taking Discrete Structures. Discrete Structures is itself a prerequisite to a number of mainstream Computer Science courses, and thus the MATH 1161 prerequisite illogically prohibits capable students (in particular, Information Technology students), who would like to earn a minor in Computer Science, from doing so. Removing the MATH 1161 prerequisite will allow CSCI 2625 to remain as one of the four possible courses in mathematics in Information Technology's Area F.

Effective Term: Fall 2015

- D. Engineering Studies (no items)
- E. Mathematics (no items)
- F. Psychology (no items)

OTHER BUSINESS

A. Informational Item: Administrative approval by UCC Chair

The following items were submitted with the items from the Department of Chemistry and Physics listed above. These classes are being offered in Fall 2015 and must have the prerequisite change starting in that semester for the reasons in the rationale given for items IV.B.1-6. Since the start of registration is concurrent with this UCC meeting, Dr. David Lake approved these two items on behalf of the committee in order to give the Registrar's Office time to update the prerequisites before the start of registration.

A1. Modify the following course:

CHEM 1151 SURVEY OF CHEMISTRY I **3-0-3**
Prerequisite: eligibility for **MATH 1001** or MATH 1111

Effective Term: Fall 2015

A2. Modify the following course:

CHEM 1151L SURVEY OF CHEMISTRY I LABORATORY **0-3-1**
Prerequisite: eligibility for **MATH 1001** or MATH 1111
Prerequisite or corequisite: CHEM 1151

Effective Term: Fall 2015

A3. Modify the following course:

PHSC 1211 PHYSICAL ENVIRONMENT **3-0-3**
Prerequisite: eligibility for **MATH 1001** or MATH 1111

Effective Term: Fall 2015

ADJOURNMENT. The meeting was adjourned at 3:13 p.m.

Respectfully submitted,

Phyllis L. Fulton
Catalog Editor and Secretary to the Committee