

Minutes of Arts and Sciences  
3:15 PM March 12, 2014

Attendance: Carrie Andreoletti (Psychology), Mark Jones (History), Robbin Smith (Chair of A&S), Carmela Pesca (Modern Languages), Lisa Frank (Finance), Carl Knox (Music), Mary Anne Nunn (English), Scott Bartley (Theatre), Don Adams (Philosophy and Dean's Representative), Chad Williams (Computer Science), Eleanor Thornton (Design), Nimmi Shara (Physics), Jeff Thomas (Physics/Earth Sciences), Betsy Dobbs-McAuliffe (Biomolecular Sciences), Betsy Kaminski (Sociology), Ismael Lopez-Medel (Communication), Paramita Dhar (Economics)

Jeff Thomas (Guest) and Mark Evans (Guest)

**Primary Agenda:**

A. Unable to approve minutes as they had not yet been posted.

**B.**

- a) Election for 2014-2016 Curriculum Chair will be held at the last full curriculum meeting on Wed, April 30
- b) Please check the last item on the agenda for the list of courses to be automatically deleted. Courses that have not be offered for the previous 4 yrs. are slated for automatic deletion unless you contact the Curriculum Chair and ask that specific courses be retained.

C. Minor changes to be dealt with at full meeting on 4/2/14.

**D. Old Business:**

D1.1 – D3.1 Postponed until the next round.

D4.1 Course Revision CS 492 Computer Security

Prereqs: CS 253 and CS 254, **or Permission of Department Chair, or admission to a graduate program in CIT. CS 501 and CS 502 are prerequisites for graduate students.**

Allow GR credit

Note: This item was approved by GR with the amendments shown in red, which differ from what was originally approved by AS

**APPROVED as amended**

**E. New Business:**

1.1 Postponed in the absence of a representative from Biology.

2.1 – 2.3 Postponed in the absence of a representative from Chemistry.

### 3.1 Course Revision CS 210 Computing and Culture

Change description to:

Evolution of computing from early data processing to global networking. Examination of how society has accepted and transformed role of digital technology within its cultures and institutions. Emphasis on human-computer interaction, electronic communities, and examples of their applications. Online resources will be used. **Does not count towards the Computer Science major.** Skill Area IV

**APPROVED**

### 3.2 Course Addition CS 225 Human-Computer Interaction

Proposed Prereqs: CS 151, CS 152

**Proposed Description:**

Introduction to human-computer interaction (HCI). Introduces tools, techniques, and sources of information about HCI and provides a systematic approach to designing working prototypes. Increases appreciation of good design through observation of existing technology, and teaches the basic skills of task analysis, and analytic and empirical evaluation methods.

3 credits

<b>NOTE: Computer Science should check with Matt Bielawa in the Registrar's office to ensure the availability of the number CS 225</b>
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**APPROVED as amended**

### 6.1 Program Revision Major in History, B.S. (Certifiable for secondary teaching of history and social studies)

HIST 121 World Civilization I 3

HIST 122 World Civilization II 3

HIST 301 The Historical Imagination 3

(taken prior to the first 400-level history course)

12 credits of U.S. history at the 300 **or 400** level

HIST 490 Senior Seminar 3

(taken after 24 credits of history courses, including HIST 301 and 6 credits of history courses at the 400 level)

6 credits of European history above the 100 level

6 credits of non-western history above the 100 level. (3 of the 6 credits must appear on the state-approved non-western history course list.)

12 credits in 400-level history courses

and 12 credits in social science from the following:

PS 104 The World's Political Systems 3

or

PS 110 American Government & Politics 3

**ECON 200 Principles of Macroeconomics\_3**

ECON 201 Principles of Microeconomics\_3

SOC 110 Introductory Sociology 3

Related Requirements

ANTH 140 Introduction to Anthropology 3

GEOG 110 Introduction to Geography 3

or

GEOG 120 World Regional Geography 3

For additional course requirements in education, consult with the School of Education and Professional Studies.

No minor is required of students in this major.

The department believes that many History BSED students would benefit from more training in US history at the highest level of undergraduate education--namely, 400-level courses. Therefore, while not changing the number of required credits in this major, we would like to allow BSED students to take 12 credits of US history at the 300 or 400 level, as opposed to 12 credits only at the 300 level.

**APPROVED as amended**

#### 7.1 Course Revision FR 315 Aspects of French History and Culture

Change title to: Aspects of **Francophone** Cultures

Change description to:

Study Area II [I]. Taught in French. Topics include relevant features of **French-speaking countries**, with emphasis on physical and political geography, history, and culture.

Change cycling to: **Irregular**

**APPROVED as amended**

#### 8.1 Course Revision MUS 101 Practicum in Music Education

Change description:

Overview of topics related to a career in music education. Includes case study analysis, discussion of issues in music education, observations and reflections on classroom teaching and rehearsals, and laboratory in music education technology. **Twelve hours of field experience required.**

**APPROVED as amended**

#### 10.1 Program Revision: Major in Earth Sciences with Specialization in Earth Sciences, BS (Non-teaching, 36 credits)

Change title to: Major in Earth Sciences, BS (Non-teaching, 36 credits)

#### 10.2 Program Revision: Major in Earth Sciences with Specialization in Geography, BS (Non-teaching, 36 credits)

Change title to: Major in Geology, BS (Non-teaching, 36 credits)  
**APPROVED**

**10.3 Program Revision: Major in General Science: Specialization in Biology or Earth Sciences**  
(Certifiable for elementary education, 39-42 credits)  
Core Requirements (23-27 credits)

Science (3 credits)  
SCI 111 Elementary Earth and Physical Science 3

Physics (3-4 credits)  
PHYS 111 Introductory Physics I 3  
or  
PHYS 121 General Physics I 4

Chemistry (4 credits)  
CHEM 161 General Chemistry I 3  
CHEM 162 General Chemistry I Lab 1

Biology (6-8 credits) Choose one sequence (A or B\*)  
\*Sequence B is required for Biology Specializations

Sequence A  
BIO 211 Concepts in Biology 3  
and  
BIO 111 Introductory Biology 3  
or  
BIO 132 Introductory Ecology 3

Sequence B  
BIO 121 General Biology I 4  
and  
BIO 122 General Biology II 4

Earth Science (7-8 credits)  
Choose one sequence below (A, B, or C)

Sequence A  
ESCI 129 Introduction to Meteorology 4  
ESCI 113 The Cosmos 3

Sequence B  
ESCI 121 The Dynamic Earth 3  
ESCI 125 The Dynamic Earth Lab 1  
ESCI 141 Earth and Life History 3

ESCI 145 Earth and Life History Lab 1

Sequence C

ESCI 131 Environmental Geoscience 3

ESCI 135 Environmental Geoscience Lab 1

ESCI 141 Earth and Life History 3

ESCI 145 Earth and Life History Lab 1

Specialization in Biology or in Earth Science:

A minimum of 18 credits in either specialization below, including 6-8 credits in the core of the specialization

Specialization in Biology-Core

Biology Sequence B from the core requirements is mandatory for biology concentrations.

BIO 200 General Biology III 4

Choose BIO electives at the 300 or 400 level—6-11 credits as needed to reach 39 credits

Specialization in Earth Science

For those who completed Earth Science Sequence A

ESCI 121 The Dynamic Earth 3

ESCI 125 Dynamic Earth Lab 1

OR

ESCI 131 Environmental Geoscience 3

ESCI 135 Environmental Geoscience Lab 1

And

ESCI 141 Earth and Life History 3

ESCI 145 Earth and Life History Lab 1

For those who completed Earth Science Sequence B or C

ESCI 129 Introduction to Meteorology 4

ESCI 208 Planetary Astronomy 4

Choose ESCI electives at the 200-400 level—3 credits as needed to reach 39 credits

Possible ESCI Electives

ESCI 209 Stellar Astronomy 4

ESCI 278 Observational Astronomy 4

ESCI 290 Field Methods 2

**Note: Remove CHEM 102: CHEM of Nutrition and CHEM 111: Intro to CHEM, CHEM 163: GEN CHEM II and CHEM 164: GEN CHEM II Lab. These courses are no longer offered.**

**Remove: PHYS 113. This course has not been offered during the past two+ years.**

Remove: PHYS 122: Gen PHYS II, PHYS 125 UNIV. PHYS I, PHYS 126 UNIV. PHYS II. These were deleted from the program because Elementary Ed majors do not have the math requirements.

Add: SCI 111: Elementary Earth and Physical Science. This is to replace the lost physical science courses (PHYS/CHEM). It is presently required for all other ELEM ED majors.

Add: Elective, either BIO or ES specialization.

**APPROVED as amended.**

**11.1-11.3** Withdrawn from the agenda.

Meeting adjourned at 4:05

Respectfully submitted, Mary Anne Nunn