

CURRICULUM COMMITTEE

December 18, 2009 – Student Senate Room (HUB 119)

MINUTES

Present: Bonnie L. Bechard, Julie N. Bernier, Christian Bisson, Mary E. Campbell (consultant, non-voting), Elizabeth A. Cox (Chair), Robert G. Egbert, Lindsay E. Harrington (student, voting), Karolyn Kinane, Joyce C. Larson, Lisa D. Spradley, Anil Waghe [10 voting members]

Absent: Stephanie M. Caron (student, voting), D. Benjamin Dearth (student, voting), Francis M. Williams (non-voting new faculty observer)

Presenters of Proposals: MaryAnn McGarry, Cynthia Moniz

Note: Unless otherwise indicated, all curricular changes noted below will become effective with the 2010-2011 edition of the Academic Catalog. Recorded in the order in which the agenda item was discussed.

Beth Cox called the meeting to order at 2:35 pm.

I. The minutes of the November 20, 2009 meeting were *approved as presented*.

II. Old Business

A. BIDI 1020 General Biology II (as part of the November 20th new course proposal BIDI 1220 Core Concepts: Ecology, Evolution, and Behavior): delete course. *Approved 10-0-0-2.*

III. New Business

A. Executive Committee Recommendations:

1. Art:

- a. AG 2350 Graphic Design I: change course description
AG 3050 Digital Multimedia Design: change course description
AG 3300 Graphic Design II: change course description
AG 3360 Graphic Design III: change course description
AG 4350 Advanced Flash Animation and Effects: change course description
AG 4370 Graphic Design IV: change course description
AG 4380 Graphic Design V: change course description
- b. AH 2700 Frameworks of Art: 1900-Present (WRIT)(WRCO): change title to 20/21: Art Since 1900
- c. Art History minor: change requirements
- d. AR 3140 Drawing: Exploring Style: delete course
- e. AR 3360 Relief Printing: change course description
- f. AR 3290 Intaglio: change prerequisite to AR 1040, AR 1120, and AR 2520
AR 3320 Lithography: change prerequisite to AR 1040, AR 1120, and AR 2520
- g. AR 4520 Special Problems in Printmaking: change prerequisite to AR 4320
AR 4560 Special Problems in Drawing: change prerequisite to (AR 1100 or AR 1120), (AR 2510 or AR 2520), and AR 3130

2. Atmospheric Science and Chemistry:

- a. BS Chemistry (all options): Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits
- b. BS Meteorology: Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits

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- c. CH 3020 Biochemistry I: change prerequisite to CH 3310. [Course is also offered as BI 3020.]
 - d. (i.) New course: CH 2330 General Chemistry I (4 credits). Fundamental principles and theories of chemistry including intermolecular forces, atomic and molecular structure, chemical reactions and thermochemistry. The laboratory component includes basic laboratory techniques and complements and reinforces classroom concepts. Not open to students who have earned credit for CH 2130 and CH 2230. Falls and Springs.
(ii.) CH 2130 General Chemistry I (SCIE)(QRCO)(TECO): delete course
CH 2230 General Chemistry Laboratory I (S-Lab): delete course
 - e. (i.) New course: CH 2340 General Chemistry II (4 credits). Fundamental principles and theories of chemistry including equilibrium, thermodynamics, electrochemistry, and kinetics. The laboratory component introduces basic laboratory techniques and complements and reinforces classroom concepts. Not open to students who have earned credit for CH 2140 and CH 2240. Springs. Prerequisite(s): CH 2330.
(ii.) CH 2140 General Chemistry II (SCIE): delete course
CH 2240 General Chemistry Laboratory II (S-Lab): delete course
 - f. (i.) New course: CH 3370 Organic Chemistry I (4 credits). Bonding principles, structure and nomenclature, synthesis and reactions of alkanes, alkenes, alkynes, alcohols, ethers and alkyl halides along with appropriate mechanism and stereochemistry, and spectroscopic methods, The laboratory component includes the preparation, purification, and identification of organic compounds, in most cases using microscale techniques. Both standard and instrumental methods are used. Not open to students who have earned credit for CH 3310 and CH 3330. Falls. Prerequisite(s): (CH 2130 and CH 2140) or (CH 2330 and CH 2340).
(ii.) CH 3310 Organic Chemistry I: delete course
CH 3330 Organic Chemistry Laboratory I: delete course
 - g. (i.) New course: CH 3380 Organic Chemistry II (4 credits). Continuation of CH 3370. Nomenclature, reactions and synthesis of conjugated dienes, aromatics, organometallics, phenols, aldehydes and ketones, carboxylic acids and derivatives, and amines. Mechanisms include electrophilic aromatic substitution and nucleophilic addition. The laboratory component involves synthesis, reactions and spectroscopic identification of compounds studied in the course. Not open to students who have earned credit for CH 3320 and CH 3350. Springs. Prerequisite(s): CH 3310 or CH 3370.
(ii.) CH 3320 Organic Chemistry II: delete course
CH 3350 Organic Chemistry Laboratory II: delete course
 - h. CH 3360 Instrumental Analysis: change prerequisites to CH 2250 and CH 3370
 - i. MT 3710 Meteorological Instruments and Observations (WRIT)(WRCO): change course description
3. Communication and Media Studies:
- a. BA Communication Studies (both options): Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits
 - b. CM 3510 Approaching Communication, Media, and Wellness: Theory and Practice of Leisure (WECO): change title to Communication, Media, and Wellness
 - c. CM 3650 Communication Research Methods (QRCO): change prerequisite to CM 2910
 - d. CM 3750 Film and Video Production Techniques: change prerequisite to CM 2770
CM 3760 Advanced Digital Video Production: change prerequisite to CM 3750 or permission of the instructor [*amended by the Committee at the meeting*]
CM 3770 Advanced Video Production: change prerequisite to CM 3750 or permission of the instructor [*amended by the Committee at the meeting*]
CM 3870 Introduction to Game Design and Development: delete prerequisite

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- CM 3920 Topics in Screenwriting and Video Production: change prerequisite to CM 3750 or permission of the instructor
- e. BA Communication Studies/Film and Media Studies: delete MU 4110 from Group A
 - f. Digital Media and Game Design minor: change requirements
 - g. CM 3490 History and Theory of Film and Television: change level and course number to CM 4710
4. Computer Science and Technology:
- a. CS 4140 Software Engineering: change prerequisite to CS 3220 and CS 3600
5. Environmental Science and Policy:
- a. Earth Science minor: delete minor
 - b. ES 2100 Physical Geology (SCIE): delete course
ES 2110 Physical Geology Laboratory (S-Lab): delete course
ESDI 2120 Historical Geology (SCIE)(SIDI): delete course
ESDI 2130 Historical Geology Laboratory (S-Lab)(SIDI): delete course
 - c. ESP 2100 Introduction to Environmental Science and Policy: change prerequisite to Environmental Science and Policy majors or permission of the Department Chair
ESP 4530 Environmental Science and Policy Seminar: change prerequisite to senior level Environmental Science and Policy majors or permission of the Department Chair
 - d. NS 2010 Introduction to Science Education: change discipline to BI 2010
 - e. NSDI 2500 Environmental Science (SCLB)(SIDI): change discipline to ESDI 2500
 - f. NS 3480 History of Science (INTG)(INCO): delete as NS course. It will continue as SS 3480.
 - g. NS 3710 Philosophy, Science, and Superstition (PHIL)(INCO): delete as NS course. It will continue as PY 3710.
 - h. NS 4100 Natural Science Laboratory Techniques: delete course
NS 4200 Geographic Information Systems and Remote Sensing in the Sciences (INTG)(INCO): delete course
NS 4600 Internship: delete course
NS 4910 Independent Study: delete course
 - i. NS 4330 Science in the Secondary School: change disciplines to BI 4330 and CH 4330
6. Interdisciplinary Studies:
- a. BA Interdisciplinary Studies (both options): Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits
BS Interdisciplinary Studies (both options): Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits
7. Languages and Linguistics:
- a. BA French: Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits
BA Spanish: Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits
8. Mathematics:
- a. BA Mathematics: delete major [*This needs to be submitted to the Faculty.*]
 - b. BS Mathematics/Actuarial: delete option [*This needs to be submitted to the Faculty.*]
 - c. BS Mathematics/Applied: delete option [*This needs to be submitted to the Faculty.*]
 - d. MA 2140 Elementary Functions (QUAN)(QRCO)(TECO): change title to Precalculus
MA 3120 Elements of Linear Algebra: change title to Linear Algebra
MA 3280 Statistics II (WRIT): change title to Regression Analysis

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MA 3540 Multivariable Calculus: change title to Calculus III

MA 4140 Algebraic Structures (WRIT)(WRCO): change title to Abstract Algebra

MA 4420 Numerical Analysis Using the Computer: change title to Numerical Analysis

MA 4510 Advanced Calculus I: change title to Introduction to Analysis

9. Social Science:

a. PO 2010 State and Local Government: delete course; last offering is Spring 2012

PO 3040 Political Islamic Fundamentalism (WRIT): delete course

b. PO 3660 Political Analysis: change prerequisite to MA 2300 or SS 3700

Approved 10-0-0-2.

B. Environmental Science and Policy:

a. New minor: Environmental Science and Policy. Several questions were raised including the total number of credits required and the definition of the “3000/4000 level courses in ES&P, Social Science, or other science courses.” The proposal was *withdrawn* by the departmental representative.

D. Social Work:

a. Gerontology minor: change requirements. *Approved 10-0-0-2.*

C. Social Science:

a. New course: PO 3150 State and Local Politics (3 credits). Critical Analysis of the structure and behavior of subnational governments in the United States and their relationships within the federal system. Consideration is given to their historical evolution. The comparative approach highlights similarities and differences and attempts to account for these. Particular attention is focused on New England. Not open to students who have earned credit for PO 2010. Springs. Prerequisite(s): PO 1020. *Approved 10-0-0-2.*

b. BS Public Management: change requirements of the major; reduce the total credits required to 120. *Approved as amended 9-0-1-2.*

c. BA Political Science: change requirements of the major; reduce the total credits required to 120. *Approved as amended 9-0-1-2.*

d. BA Political Science: Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits

BS Public Management: Blanket Agreement to allow students following a pre-2009 Catalog who have completed all major requirements and General Education requirements, to graduate with 120 credits

Approved 9-0-1-2.

e. New certificate: Geographic Information Systems. Offered through the Frost School for non-matriculated students. *Approved 10-0-0-2. [This needs to be submitted to the Faculty.]*

E. Undergraduate Studies:

a. 2+2 Transfer Agreement with White Mountains Community College for Information Technology

b. 2+2 Transfer Agreement with River Valley Community College for Criminal Justice

c. 2+2 Transfer Agreement with White Mountains Community College for Criminal Justice

d. 2+2 Transfer Agreement with Great Bay Community College for Criminal Justice

e. Transfer Agreement with Great Bay Community College for Criminal Justice

Approved 10-0-0-2.

IV. Reports

A. SAPC. Approved our BS Sports Management. Approved the three new options for BS Marketing to begin January 1, 2010.

B. General Education Committee. Met December 14th. All remaining courses with a 5/2010 sunset date were either submitted or given a one or two year extension because the General Education evaluation had not been done. Three courses did not seek renewal (two of those courses were deleted today). The Committee will have a retreat in January.

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- C. Council of Teacher Education. Did not meet this month. They will have a retreat in January to work on NCATE.
- D. Steering Committee. Did not meet because of the University closing due to the snow storm.

Lindsay reported that the students are working on a proposal to get course evaluations done online and to require that they be done before the students may get their grade. Julie suggested that the students talk with Ellen Murphy and Dan Moore.

The meeting adjourned at 3:50 pm.

The Curriculum Committee meets on the third Friday of the month from 2:30 until 5 pm in the Student Senate room (HUB 119). Proposals need to reach the Chair 10 days prior to the meeting. Their next meeting is Friday, **February 19th**.

Respectfully submitted,

Mary E. Campbell, Scribe
Director of Curriculum Support

These minutes were approved February 19, 2010.