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College of Science Curriculum Committee

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COLLEGE OF SCIENCES CURRICULUM COMMITTEE MINUTES
Tuesday, October 27, 1998 - COS Conference Room, 202 Old Main

The College of Sciences Curriculum Committee minutes are available on the Web at <http://www.eiu.edu/~coscurr/>.

Chair Carwell called the meeting to order at 5:05 p.m.

Present: Dr. Bergmann, Dr. Bernas, Dr. Carwell, Dr. Gutowski, Dr. Klarup, Dr. Laursen, Ms. Seaman, Associate Dean Weber and Dean Wall

I. Minutes

The COSCC minutes of 10/15/98 were approved as published.

II. Communications

College of Education and Professional Studies Curriculum Committee Minutes – 10/12/98

III. Executive Action

The following changes were approved by executive action to be effective Fall 1999 except where noted otherwise:

1. PLS 4843 – Change course title from “Analysis of Urban Politics” to “Cities and Urban Politics.”
2. CHM 2845 – Change course description to read as follows: “Multi-step syntheses and advanced techniques with some molecular modeling. Strong emphasis on infrared spectroscopy, ultraviolet/visible spectroscopy, gas chromatography/mass spectrometry, and nuclear magnetic resonance as applied to synthesis and structure determination.”
3. CHM 3450 – Change title course description and prerequisites to read as follows: “**Biochemistry. (3-0-3). F,S.** A survey of the structure and function of biological molecules: proteins, carbohydrates, lipids, and nucleic acids; an introduction to essential metabolic pathways. Prerequisite: CHM 2430.”
4. CHM 4760 – Change title and course description to read as follows: “**Advanced Metabolism. (3-0-3) S.** A continuation of Chemistry 3450 emphasizing mechanisms and control of enzyme action in energetic metabolic pathways and biosynthesis of nucleotides, carbohydrates, and lipids.”
5. CHM 4765 – Change course description and prerequisites to read as follows: “Introduction to experimentation with biochemical systems, processes, and compounds including protein purification, enzyme kinetics, and recombinant DNA techniques. Prerequisites: CHM 2730 & 3450.”
6. CHM 4860 – Change title and course description to read as follows: “**Complex Biochemical Systems. (3-0-3) F.** Topics may include protein structure and function, enzyme mechanisms, transcription, DNA replication, regulation of DNA expression, and cellular signaling pathways.”
7. CHM 5460 – Change title, course description, and prerequisites to read as follows: “**Advanced Biochemistry. (3)** Selected areas of biochemistry which may include mechanisms of biological processes, enzyme action, genetic and hormonal control, and metabolic cycles. Recent biochemical research will be emphasized through discussion of articles from primary journals. Prerequisite: CHM 4760 or 4860 or permission of instructor.”
8. CHM 2730 -- Change course offering from “F, S” to “F”.
9. CHM 3780 – Change prerequisite to read as follows: “Prerequisite: CHM 2730.”
10. CHM 3910 – Change prerequisites to read as follows: “Prerequisites: CHM 2730 (or concurrent enrollment therein); MAT 1441C and 2442; PHY 1351, 1352, 1362C, and 1362C.”

11. CHM 4790 – Change course offering from “S-odd-numbered years” to “On demand” and change prerequisites to read as follows: “Prerequisites: CHM 2840 or permission of instructor.” Effective date: Spring 1999.
12. CHM 3915 – Change prerequisite to read as follows: “Prerequisite: CHM 3910.”
13. CHM Major with Teacher Certification (B.S.) – Delete: “¹ Course(s) in Computer Programming.....2-3 sem. hrs.” as a requirement with corresponding reduction in total number of hours required for the major from “59-60 sem. hrs.” to “57 sem. hrs.” Delete footnote ¹. Effective date: Spring 1999.
14. CHM Minor for Teacher Certification – Add: “Chemistry 3100.....1 sem. hr.” as a requirement with corresponding increase in the total number of hours required for the minor from “29-31 sem. hrs.” to “30-32 sem. hrs.”

VI. Next COSCC Meeting

The next COSCC meeting will be Tuesday, November 10, 1998 at 5:00 p.m. in the College of Sciences Conference Room, 202 Old Main.

The meeting adjourned at 5:15 p.m.

Barb Kuykendall
Recording Secretary

ANNOUNCEMENT OF MEETING
TUESDAY, NOVEMBER 10, 1998 – 5:00 P.M.
COS CONFERENCE ROOM, 202 OLD MAIN
