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Biology Multiple Course Revisions 09/09/2000

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UMM ACADEMIC AFFAIRS	<i>Form RC:</i> <i><u>Revised Course Proposal</u></i>	FORM RC (2/00)
COURSE PROPOSALS		
Discipline: Biology		Date: Sept 9, 2000

Course Revision #1

I. Give <u>complete</u> UMM catalog entry (deletions in strikethru font, additions underlined)(see instructions)
Biol 1051f. Wildlife Biology. (Sci-L; 4 cr; no elective credit for biol majors or minors; offered when feasible <u>even-numbered years</u>)
II. Rationale (see instructions):
"Regular" alternate-year offering now appears to be feasible.

Course Revision #2

I. Give <u>complete</u> UMM catalog entry (deletions in strikethru font, additions underlined)(see instructions)
Biol 1101f,s. <u>Freshman Seminar in Biological Principles</u> . (Sci; 4 <u>3</u> cr; <u>prereq biology major/minor or #</u>)
Basic principles of biology, including cellular organismal function, inheritance, and emphasizes scientific methods and the biological literature. Includes small group discussions. First course of the biology major sequence. (three <u>two</u> 65-min lect and discussion)
II. Rationale (see instructions):
The credit load is being dropped from 4 to 3 because this course originally required a component of writing a term paper. That component has been removed and will become part of an added Biological Communications skills class that students will take as sophomores or juniors.

Course Revision #3

I. Give <u>complete</u> UMM catalog entry (deletions in strikethru font, additions underlined)(see instructions)
Biol 4121s. Herpetology. (Sci-L; 4 cr; prereq 2101; offered when feasible <u>odd-numbered years</u>)
II. Rationale (see instructions):
"Regular" alternate-year offering now appears to be feasible.

Course Revision #4

I. Give <u>complete</u> UMM catalog entry (deletions in strikethru font, additions underlined)(see instructions)
Biol 4131f. Vertebrate Natural History. (Sci-L; 4cr; prereq 2101; offered even <u>odd-numbered years</u>)
II. Rationale (see instructions):

This better distributes the biology elective courses.

Course Revision #5

I. Give complete UMM catalog entry (deletions in strikethru font, additions underlined)(see instructions)

Biol ~~311~~ 421f. Biochemistry. (Sci; 4 cr; prereq 1101, 2111, Chem 2302 or #)

Structures, functions, and biochemical transformations of proteins, carbohydrates, nucleic acids, and lipids. (three 65 min lect)

II. Rationale (see instructions):

Course number is changed because this course will become an elective for the Biology major, rather than a required course.

Course Revision #6

I. Give complete UMM catalog entry (deletions in strikethru font, additions underlined)(see instructions)

Biol ~~312~~ 461f. Biochemistry lab. (1 cr; prereq ~~311~~ or ~~421~~ or ¶421)

Experiments using the major separation and analytical techniques of biochemistry, including centrifugation, chromatography, electrophoresis, and spectrophotometry.

II. Rationale (see instructions):

This course currently exists as Biol 3112 but is not listed in the bulletin. The course number is changing to clarify that this single- credit course does not serve as an elective course for Biology majors.