

9-9-2000

Biology Multiple Course Revisions 09/09/2000

Curriculum Committee

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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

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| 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

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| 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

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| 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

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| 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

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| I. Give <u>complete</u> UMM catalog entry (deletions in strikethru font, additions underlined)(see instructions) |
| Biol 311 <u>4211</u> f. 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

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| I. Give <u>complete</u> UMM catalog entry (deletions in strikethru font, additions underlined)(see instructions) |
| Biol 312 <u>4611</u> f. Biochemistry lab. (1 cr; prereq 311 or 4211 or ¶4211) 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. |