To be adopted:

Proposed Change to the B.A. and B.S. Degrees in Biology

PRESENT:

Major Requirements

Some of the following requirements for the major in Biology may also fulfill the College’s breadth requirements. Consult with a department advisor for course planning.

1. Life Sciences core curriculum (65-69 units)
   a) BIOL 005A, BIOL 05LA, BIOL 005B, BIOL 005C
   b) CHEM 001A, CHEM 001B, CHEM 001C
   c) CHEM 112A, CHEM 112B, CHEM 112C
   d) MATH 009A, MATH 009B
   e) PHYS 002A, PHYS 002B, PHYS 002C, PHYS 02LA, PHYS 02LB, PHYS 02LC
   f) One course from STAT 100A, STAT 105, or STAT 120A
   g) BCH 100 or BCH 110A

The core curriculum must be completed with a grade point average of 2.0 or better and no grade lower than “C-.” If a grade of D or F is received in two core curriculum courses, either in separate courses or repetitions of the same course, the student will not be permitted to continue in the major.

2. Upper-division requirements (36 units)
   a) BIOL 102
   b) Thirty-two (32) additional Biology units to be taken in consultation with a faculty advisor

3. Other requirements
   For the Bachelor of Arts only (0-16 units):
   The foreign language requirement may be fulfilled by completing level four or the demonstration of equivalent proficiency in one foreign language.

PROPOSED:

Major Requirements

[no change]

1. [no change]
   a) [no change]
   b) [no change]
   c) [no change]
   d) MATH 008B or MATH 009A, MATH 009B
   e) [no change]
   f) [no change]
   g) [no change]

2. [no change]
   a) [no change]
   b) [no change]

3. [no change]
For the Bachelor of Science only (16 units): An additional 16 units in upper-division biology courses and/or substantive courses in a field or fields related to the major. A list of acceptable courses is available in the BSUAC.

JUSTIFICATION:

1. d) The inclusion of MATH 8B is prompted by the Mathematics Department's creation of several new courses in response to the deletion of MATH 003. UCR’s math placement exam will assign students to MATH 5 or MATH 8A or MATH 9A. Students who place into and successfully complete MATH 8A will continue into MATH 8B which covers trigonometry and the equivalent of MATH 9A subject matter. Completion of MATH 8B meets the prerequisite to continue into MATH 9B.

APPROVALS:

Approved by the faculty of the Department of Biology: November 18, 2005
Approved by the CNAS Executive Committee: November 29, 2005
Approved by the Committee on Educational Policy: January 17, 2006