SPECIAL REPORT

OF THE

ACADEMIC MATTERS, ACADEMIC PRIORITIES
and PROGRAM AND BUDGET COUNCILS

concerning

REVISION OF THE BACHELOR OF SCIENCE DEGREE
IN BIOLOGY
(#8564)

Presented at the
817th Regular Meeting of the Faculty Senate
November 17, 2022

COUNCIL MEMBERSHIP

ACADEMIC MATTERS COUNCIL

Carol Barr, Carolyn Bassett, Bryan Beck, William Brown, Allison Butler, Marcy Clark, Morgan Donovan-Hall, Sharon Dormier, Laura Francis, Janet Fink, Kate Green, Keisha Green, Jennifer Heuer, Matthew Komer, Lt. Col. David Lemery, Mark Liberator, Linda Lowry, Andrea Malaguti, Sarah Pfatticher, Jennifer Randall, Caleb Rounds, Sylvia Salas, Tigran Sedrakyn, Barry Spence, Patrick Sullivan, Laura Vandenberg, Jack Wileden, Kate Woodmansee

ACADEMIC MATTERS COUNCIL RECOMMENDATION
The Academic Matters Council recommends approval of this proposal.

ACADEMIC PRIORITIES COUNCIL

Allison Butler, Gail Cruise, Steve Goodwin, Farshid Hajir, Piper Gaubatz, Sangeeta Kamat, Anthony Paik, Sarah Poissant, Atul Sheel, Janine Solberg, Christine Turner, Jack Wileden

ACADEMIC PRIORITIES COUNCIL RECOMMENDATION
The Academic Priorities Council recommends approval of this proposal

PROGRAM AND BUDGET COUNCIL


PROGRAM AND BUDGET COUNCIL RECOMMENDATION
The Program and Budget Council recommends approval of this proposal.
1. Please describe your proposal

We would like to add AnimSci 285 and 311 and BioChem 285 and 311 to our list of elective courses for the major. These courses are equivalent to Biology 285 and 311.

Please describe the existing program requirements, listing all required courses and available electives, as well as any additional requirements, and continuation or admissions policies.

The Biology major requirements are at
http://www.bio.umass.edu/biology/Undergraduate/Residential%20Programs/the-major

A list of available electives is at
http://www.bio.umass.edu/biology/Undergraduate/Residential%20Programs/courses-approved-as-biology-major-electives

The Biology major has no admission or continuation policies.

Please describe the requirements that you are proposing, listing course requirements, elective options, as well as any additional requirements, and continuation or admissions policies.

1. We would like to add Biochem 285 and AnimSci 285 to the list of electives that meet the Cell Biology and Development requirement (r10208, ln20) and the "courses numbered 200+" requirement (r10985, ln10).

2. We would like to add Biochem 311 and AnimSci 311 to the list of electives that meet the Genetics and Molecular Biology requirement (r10208, ln10) and the "courses numbered 200+" requirement (r10985, ln10). [Note: these courses do NOT meet the "courses numbered 315+" requirement (r10986, ln10)]

NOTE: students should be able to count only ONE from among Biol 285, Biochem 285, and AnimSci 285, and only ONE from among Biol 311, Biochem 311, and AnimSci 311.

Please provide the rationale for these revisions.

As a result of a recent initiative by the departments of Biology, Biochemistry and Molecular Biology, and Veterinary and Animal Science, the three departments' courses in Cell and Molecular Biology (285) and Genetics (311) include the same content and learning goals. The different departments' versions of each course are interchangeable. We propose to update the Biology major requirements to reflect this interchangeability.

Resources

If this proposal requires no additional resources, say so and briefly explain why. If this proposal requires additional resources, explain how they will be paid for. For proposals involving instruction, indicate how many new enrollments are expected and whether the courses have room to accommodate them.
MOTION: That the Faculty Senate approve the Revision of the Bachelor of Science Degree in 10-23 Biology, as presented in Sen. Doc. No. 23-020.