Non-Substantive Program Modification Proposal Form

Instructions: All program modifications must be signed by the Chair and Dean and submitted to the Office of the Provost.

Faculty Initiating Request: Donna Balding
Submission Date: 11/06/2017

Department/School: Natural Sciences/COAS

Degree Program: BIOLOGY, BS
Effective Date: FALL 2018

Provide a description of the program exactly as it will appear in the catalog:

Biology Track
Electives (Credit: 18 hours)

Select 18 hours from the following:

BIOL 3113 -Environmental Science Credit: 3 hours
BIOL 3110-Scientific Thought and Theory Credit: 3 hours
BIOL 3115K-Parasitology Credit: 4 hours
BIOL 3130 -Ethical Issues in Science Credit: 3 hours
BIOL 3350K-Ecology Credit: 4 hours
BIOL 3360K-Plant Biology Credit: 4 hours
BIOL 3510K-Invertebrate Zoology Credit: 4 hours
BIOL 3520K-Vertebrate Zoology Credit: 4 hours
BIOL 3666K-Entomology Credit: 4 hours
BIOL 3710K -Animal Physiology Credit: 4 hours
BIOL 4150-Tropical Ecology Studies Credit: 4 hours
BIOL 4321 -Special Topics Credit: 2-4 hours
BIOL 4323K-Marine Biology Credit: 4 hours
BIOL 4324K - Ornithology Credit: 4 hours
BIOL 4344K-Comparative Vertebrate Anatomy Credit: 4 hours
BIOL 4411 -Animal Behavior Credit: 3 hours
BIOL 4450K-Mycology Credit: 4 hours
BIOL 4454K -Developmental Biology Credit: 4 hours
BIOL 4500 -Immunology Credit: 3 hours
BIOL 4667K-Histology Credit: 4 hours
BIOL 4774-Field Biology Credit: 4 hours
BIOL 4894 -Research Credit: 2-4 hours
MATH 2252 -Calculus II Credit: 4 hours
MATH 3610 Biostatistics Credit: 3 hours

Faculty Member: Donna Balding
Date: 11-06-2017

Assistant Provost of Academic Planning & Policy: 11/11/17

Chair: [Signature]
Date: 11-7-2017

Provost: [Signature]
Date:

Dean: [Signature]
Date: 11/8/17

Chair Academic Affairs Committee: [Signature]
Date:

Rev. 6.23.15
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BIOL 371 OK -Animal Physiology Credit: 4 hours
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Three additional electives are proposed for the BIOLOGY BS Program: BIOL 4323 (Marine Biology), BIOL 4324 (Ornithology), and MATH 3610 (Biostatistics). Marine Biology and Ornithology have previously been taught as Special Topics courses and will continue to be offered as elective courses. We would like to give these course numbers and add them to the Program electives, rather than list them as Special Topics. Both courses can commonly be found as part of BS Biology programs nationally.

Biostatistics is an interdisciplinary course that will be developed with the Math Department; it will benefit biology majors, as the course focuses on the essential skill of assessing biological data using statistical analysis. Biostatistics is also a course that is commonly found in BS Biology programs nationally.