

ILLINOIS STATE  
UNIVERSITY



*University Curriculum Committee*

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November 8, 2012

TO: Daniel Holland, Chairperson, Academic Senate  
FROM: Jean Standard, Chair, University Curriculum Committee *JMS*  
RE: Executive Summary of Physiology, Neuroscience and Behavior Sequence

The University Curriculum Committee has approved and is forwarding for Academic Senate review the attached proposal to add a new Physiology, Neuroscience and Behavior Sequence to the Major in Biological Sciences.

The School of Biological Sciences has given a reasonable rationale for adding the new sequence:

- The primary goal of this sequence is to provide students with a solid educational background to pursue careers or continuing education in physiology, neuroscience, behavior or related fields.
- The sequence is specifically designed to provide a focused experience for students interested in physiology, neuroscience, and/or behavior, while providing a breadth of courses within these disciplines.
- Potential employment includes academic or industry laboratory technical staff, behavioral analysts, histological technician, clinical research specialists, and pharmaceutical sales.
- Students completing this sequence would also be well prepared to pursue further educational opportunities including graduate programs (MS and PhD), and with additional coursework, to apply to veterinary and health professional schools.
- No particular effects due to establishment of this sequence are expected on programs outside of the School of Biological Sciences. The students will already be in the Biological Sciences undergraduate program. The School anticipates a modest increase in students in the Biological Sciences program, as by having this undergraduate sequence, additional students may be recruited to the School of Biological Sciences.

The School of Biological Sciences proposes adding five new sequences and deleting one sequence to reorganize the Major in Biological Sciences. Other proposed new sequences and the deleted sequence will be presented separately, however they all are part of the revision of the major.

The University Curriculum Committee supports the proposal to add this new sequence.