



**Department of Microbiology**

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February 8, 2011

Professor Larry Krissek  
Chair, Arts and Sciences CCI  
Re: Ecology and Evolution BS

Dear Professor Krissek:

At the December 15, 2010 meeting of the Mathematics and Social, Behavioral, and Natural Sciences CCI Subcommittee the semester conversion plans for the Ecology and Evolution BS (EE-BS) program, submitted by the Department of Evolution, Ecology, Organismal Biology (EEOB), was reviewed.

In preparation for the transition to semesters, EEOB initiated reviews of all areas of research and teaching covered in the department. These reviews resulted in revised learning goals and course restructuring that impacted both undergraduate and graduate programs; consequently, the EE-BS program was presented as re-envisioned.

Under the semester scheme for this degree, students will satisfy requirements in five core areas: evolution, ecology, integrated biology, biodiversity, and advanced concepts in evolution/ecology. The first three areas (evolution, ecology and integrated biology) are satisfied by a required core and students can choose from a wide range of courses to meet the requirements in the remaining two areas. The EE-BS degree program has a slightly reduced requirement for organic chemistry under semesters; the two-quarter series required under quarters will be replaced by a one-semester course during semesters. Another significant change was the addition of the requirement for a course focused on advanced quantitative skills; this will support their new goal for students to be “knowledgeable in mathematics, statistics, computer modeling, and the use of computers, as these topics relate to biology”.

The committee felt that the proposal was carefully prepared and covered all of the essential topics. We requested a few minor text revisions for clarification, and we unanimously approved the proposal for the next step in the approval process.

Sincerely,

Charles J. Daniels, Ph.D.  
Professor  
Acting Subcommittee Chair for Dec. 15