Proposal to Change Degree Requirements For the Major

NOTE: All gray text boxes must be completed (even if you just put N/A into them), otherwise the committee must consider the form incomplete.

Contact person: Jaap Hillenius  Email address: hilleniusw@cofc.edu  Phone: 843-953-5696

1. Department: Biology

2. Degree: B.S. in Biology

3. Semester and year in which degree change(s) will go into effect: Fall 2011

4. Change(s) Desired (Note: if the change includes deleting courses from the inventory, a Delete Course form must also be completed for each course, the Curriculum Committee does not assume the responsibility to delete the course):
   Add to the requirements for the Major: MATH 250 or equivalent course in statistics

5. Justification for Change(s):
   Students taking courses or majoring in the biological sciences need at least an intermediate-level of statistical training as preparation. The use of statistical analyzes is widespread in the biological sciences; a background in this area would enhance learning and more effectively prepare our graduates for employment, graduate school, and medical professions.

6. Does the change include deleting or adding courses from other departments? If yes, what department/program? Please contact the department chair/program director and request a note or email that they are aware of the proposed change and include that note with the proposal.
   The change involves adding a course from the Mathematics Department (MATH 250). A statement of approval of this change from the Chair of the Department of Mathematics follows:

   From: "Mignone, Robert J." <MignoneR@cofc.edu>
   Date: Mon, 7 Feb 2011 14:09:24 -0500
   To: "Hillenius, Willem Jacob" <hilleniusw@cofc.edu>
   Subject: Re: Biology Stats course proposal

   Dear Jaap,
   I already discussed the pending change with the department. The Department of Mathematics supports the addition of a 200 level statistics course as a requirement for biology majors. We are eager to discuss ways to tailor math 250 or if necessary develop a more customized 200 level introductory statistics course in support of this new requirement.

   Sincerely yours,
   Bob Mignone, Chair
   Department of Mathematics
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6. Signature of Department Chair (s) or Program Director(s):
   __________________________________________  Date: ________________
   __________________________________________  Date: ________________

7. Signature of Dean(s) of School:
   __________________________________________  Date: ________________
   __________________________________________  Date: ________________

8. Signature of Provost:
   __________________________________________
   Date: ________________________

9. Signature of Curriculum Committee Chair:
   __________________________________________
   Date: ________________________

10. Signature of Budget Committee Chair:
    __________________________________________
    Date: ________________________

11. Signature of Academic Planning Committee Chair:
    __________________________________________
    Date: ________________________

12. Signature of Faculty Senate Secretary:
    __________________________________________
    Date approved by Senate: ________________________

Completed form should be sent by the Faculty Senate Secretary to the Registrar. After implementation, information concerning the passed course and program changes will be provided by the Registrar to all faculty and staff on campus.

This form was approved by FCC on 8/17/2010 and replaces all others.