Submitted by: Melinda K. Duncan phone number 831-0533

Department: Biological Sciences email address duncanm@udel.edu

Date: January 8th, 2014

Action: Revise Ph.D. in Biological Sciences concentration: Molecular Biology and Genetics

Effective term 14F

Current degree Ph.D.

Proposed change leads to the degree of: Ph.D.

Proposed name: Proposed new name for revised or new major/minor/concentration/academic unit

Revising or Deleting:

Undergraduate major/Concentration:

Undergraduate minor:

Graduate Program Policy statement change: (Must attach your Graduate Program Policy Statement)

Graduate Program of Study: Revise Ph.D. in Biological Sciences

Graduate minor/concentration: concentration: Molecular Biology and Genetics

Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.

List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter “None”)
Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: [http://www.ugs.udel.edu/gened/](http://www.ugs.udel.edu/gened/)

Identify other units affected by the proposed changes:
(Attach permission from the affected units. If no other unit is affected, enter “None”)

- Bioinformatics
- Marine Studies

Describe the rationale for the proposed program change(s):
(Explain your reasons for creating, revising, or deleting the curriculum or program.)

- Update to reflect the changes in graduate course offerings at the University since the last curricular update
- Numerous rewordings to improve clarity and to align the written document with practice within the department
- Renaming of the “Preliminary Examination” to the “Comprehensive Examination” to bring department nomenclature in line with that used by the graduate office
- Rewording of the requirements section of the Comprehensive Examination to bring the written description in line with departmental practice
- Rewording of the requirements section of the Qualifying Examination to bring the written description in line with Departmental practices and to provide the students more guidance in regard to the expectations of the written dissertation proposal

Program Requirements:
(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and include a side-by-side comparison of the credit distribution before and after the proposed change.)

**ROUTING AND AUTHORIZATION:**
(Please do not remove supporting documentation.)

Department Chairperson ................................................................. Date __________________

Dean of College ........................................................................ Date __________________

Chairperson, College Curriculum Committee ................................ Date __________________

Chairperson, Senate Com. on UG or GR Studies ................................ Date __________________

Chairperson, Senate Coordinating Com. ........................................ Date __________________

Secretary, Faculty Senate ................................................................. Date __________________

Date of Senate Resolution ............................................................. Date to be Effective __________

Registrar .......................................................................................... Program Code __________________ Date __________________

Vice Provost for Academic Affairs & International Programs ................. Date __________________

Provost ............................................................................................. Date __________________

Board of Trustee Notification .......................................................... Date __________________

Revised 02/09/2009 /khs