Expedited Course Change Cover Sheet (July 2014)

UNIVERSITY OF MARY WASHINGTON – EXPEDITED COURSE CHANGE PROPOSAL
Submit this form electronically, beginning with the first required level of review (department or college level). Each level of review passes the form and any attachments to the next level when the action is approved.

Submitted by: Deborah Zies

Date Prepared: October 2, 2014

Department/Discipline(s) and Course Number(s): BIOL 430

Course Title: Research in Molecular Biology

Type of change (check all applicable):
Number* ____ Title____ Credits____ Description X Prerequisites X Deletion____ Cross list**____

* This course number must be approved by the Office of the Registrar before the proposal is submitted.

**To cross list courses between departments/colleges, there should be two cover sheets submitted with the proposal – one by the chair of each department with signatures from the relevant College Curriculum Committee Chair.

Effective Date: FALL Semester, Year

Current Catalog Entry
Prerequisite: BIOL 341 (C- or better). An examination of the principles and techniques used in the molecular study of genes. Laboratory

Proposed Catalog Entry
Prerequisite: BIOL 260 and BIOL 341 (C- or better in each course). The study of gene structure and function at the molecular level. Laboratory emphasizes the use of molecular techniques to carry out original research on the characterization of a gene.

JUSTIFICATION (including impact on majors, minors, concentrations, and general education courses within the University curriculum; attach additional pages if required)

BIOL 430- Molecular Biology of the Gene currently fulfills the biology major’s Research Intensive course requirement. This requirement is part of a new vertically building component of the biology major designed to develop students’ general scientific literacy and research skills. In BIOL 260- The Research Process, students acquire knowledge, skills, and abilities relating to the scientific method, experimental design, and data analysis and interpretation. In subsequent Research Intensive courses, they apply what they learned in BIOL 260 in conducting their own research projects and in completing other assignments designed to further hone their scientific competencies. This combination of background knowledge and subsequent application is critical to fulfillment of the biology major’s learning objectives. Adding BIOL 260 to BIOL 430’s prerequisites will not affect the biology minor because BIOL 430 is an elective course. It is not a general education course and therefore, it will not affect that program.

The change in BIOL 430’s course description is necessary to align it with its newly acquired Research Intensive designation and to accurately capture the laboratory component’s content and purpose.

TRANSITION PLAN (describe how will students who are in Catalogs where the course is required for a major be accommodated; attach additional pages if required)

Approvals

Department Chair __________________________ Date: ____10/13/14_____________

Andrew Dolby

Expended Course Change Cover Sheet (July 2014)
Expedited course changes are posted for a 10-class day comment period. If no comments are raised during that time, the proposal becomes final. All expedited proposals approved in this way will be noted on the UCC web site.

If comments are raised, the proposal may be reviewed by the UCC and then approved or it may be returned to the CCC for additional deliberation (as required).