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: Nicole Crowder          Date Prepared: 8/21/13
Department/Discipline and Course Number: CHEM 383
Course Title: Physical Chemistry I

Type of change (check all applicable):
Course Number* ______ Title ______ Credits ______ Description ______ Prerequisites ______ X ______ Deletion ______
*This course number must be approved by the Office of the Registrar before the proposal is submitted.

Effective Date: FALL Semester, Year 2014 ______________________________

Current Catalog Entry                        Proposed Catalog Entry
383, 384 – Physical Chemistry I, II (3, 3)   383, 384 – Physical Chemistry I, II (3, 3)
Prerequisites: CHEM 112, MATH 122, and    Prerequisites: MATH 122, PHYS 105 and 106 or
PHYS 105 and 106 or 101 and 102.            101 and 102, and a grade of C or better in
Thermodynamic, kinetic, quantum mechanical  CHEM 112. Thermodynamic, kinetic, quantum
and spectroscopic properties of chemical     mechanical and spectroscopic properties of
systems. Only in sequence.                    chemical systems. Only in sequence.

JUSTIFICATION (including impact on majors, minors, concentrations, and general education courses within the University curriculum; attach additional pages if required)
This change is necessary to ensure that students continuing on in chemistry have a strong enough background to be successful in future courses. We have seen that students who perform poorly in CHEM 112 continue to perform poorly in subsequent courses, including CHEM 383. Students who do not perform well in lower level courses will not be very successful in future courses given the vertically building nature of the discipline and likely will not be successful in the major or minor if they continue on in it, especially in maintaining the required major GPA of 2.0.

This will not impact any general education courses. It impacts both chemistry majors (regular and ACS certified) and the chemistry minor. Students will have to retake CHEM 112 if they do not earn a C in it, so it may cause some students to need to retake the course.

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)
Students who have passed CHEM 112 before this change goes into effect will be allowed to continue on to CHEM 383 even if they did not earn a C. Those students will have to get permission of the department to be able to register for CHEM 383 to override the pre-requisite in the Banner system.

Approvals
Department Chair ______ Leanna Giancarlo ______ Date: ___ 8/21/13 __________
College Curriculum Chair ______ Date: ______________

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).

Expedited Course Change Cover Sheet (July 2013)