Department/Discipline and Course Number: CHEM 253
Course Title: Chemical Analysis I with Laboratory

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
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253 – Chemical Analysis I (4)
Prerequisite: CHEM 112. Introduction to principles of chemical analysis, statistical treatment of measurements, volumetric and gravimetric analyses, and electrochemical analysis. Laboratory. | 253 – Chemical Analysis I (4)
Prerequisite: a grade of C or better in CHEM 112. Introduction to principles of chemical analysis, statistical treatment of measurements, volumetric and gravimetric analyses, and electrochemical analysis. Laboratory.

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 253. 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 253 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 253 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).