

ACADEMIC POLICIES COMMITTEE

STANDARD ONE YEAR PROCESS: UNDERGRADUATE CURRICULAR PROPOSAL(S) PROCEDURES TO CHANGE 2015-2016 CATALOG (Approved by APC September 4, 2014)

NAME OF SCHOOL OR DEPARTMENT: CHEMISTRY

NON ACTION OR PROCEDURAL CHANGES: These changes will not go to the faculty floor for a vote. These are changes that include: revision of course descriptions including title, number or prerequisites, alternate year listing in the Catalog and the cross listing of courses.

I. List proposals with a one line abstract.

Proposal I: Change the course title and description of CHE351.

I. List current descriptions and new descriptions side by side.

Current Descriptions	New Descriptions
CHE 351 - Organic Qualitative Analysis (2) Study of techniques used to identify organic compounds using physical and chemical properties, infrared and nuclear magnetic resonance spectroscopy, and mass spectrometry. Course includes one four-hour laboratory each week. Offered on a Quad basis. Prerequisite(s): CHE 304 and consent of instructor.	CHE351 – Organic Structure Elucidation (2) Introduction to modern spectrometric techniques for elucidating the structure of organic compounds, including one- and two-dimensional nuclear magnetic resonance spectroscopy, infrared spectroscopy and mass spectrometry. Course includes a weekly laboratory. Offered on a Quad basis. Prerequisite(s): CHE 304 and consent of instructor.

II. Rationale.

Include such things as:

1. To make descriptions more efficient;
2. To align content with what is actually being taught;
3. To meet standards for.....

Rationale:

To align the title and description with what is actually being taught.

For the past 30+ years, the course name, description, and content of CHE351 remained relatively unchanged, despite revolutionary changes in how organic structures are determined in both academic and industrial settings. In 2012, Katherine Maloney – whose PhD and postdoctoral studies were in the field of organic structure elucidation – took over this course and completely overhauled it to reflect the current state of organic structure elucidation. The ‘new’ CHE351 gives students a strong foundation in instrumental techniques that will serve them well if they go on to chemistry graduate school or apply for jobs in chemistry, while maintaining the historical focus on developing problem-solving skills that made this course so popular throughout its history at PLNU. Changing the title and description will clarify the course content for our students and their prospective employers or graduate schools.

Dr. Dawne Page, chair of the biology department, has been notified about this proposal submission because biology-chemistry and environmental science joint majors can choose this course as a chemistry elective.

The chemistry department voted unanimously (7 out of 7 faculty) in favor of this proposal.

Final Check-off List:

The College Dean or appropriate administrator has been consulted.

All affected departments have been contacted and the results are indicated in the proposal.

The proposal has been voted on by the department.

Appropriate contacts have been made with the director of the library as well as media services.
With whom have you spoken? _____

Staffing impact has been addressed.

For hybrid, online and video conferencing courses, the Dean of Extended Learning has signed off verifying appropriate pedagogical expertise.

Appropriate budget considerations have been reviewed.

Office of Records has been consulted for appropriate course numbering sequences for face to face and/or hybrid and online courses.