

LSC Use Only Proposal No:  
LSC Action-Date:

UWUC Use Only Proposal No: 14-96a  
UWUC Action-Date: App 16/28/14

Senate Action Date: App 12/2/14  
App 12/1/14

Curriculum Proposal Cover Sheet - University Wide Undergraduate Curriculum Committee

Contact Person(s)

Ronald F. See

Email Address

rsee@iupui.edu

Department Unit  
Chemistry

PROPOSAL NUMBER  
7-4489

PROPOSAL STATUS

Check all appropriate boxes

Proposals (check all that apply)

- Course Title Change
- Course Number and/or Title Change
- Catalog Description Change

CHEM 290: Chemistry Seminar I

1. Course Proposal

- New Course
- Existing Course

1. Course Description

This course is a seminar for students who have completed CHEM 100 and CHEM 101. The course will focus on the application of chemistry to real-world problems. Topics to be discussed include environmental chemistry, materials science, and the role of chemistry in society. The course will be taught in a seminar format, with students presenting papers and participating in discussions.

2. Prerequisites

CHEM 100, CHEM 101

3. Corequisites

None

4. Credit Hours

3

5. Learning Objectives

Students who complete this course should be able to:

- 1. Apply chemical principles to solve real-world problems.
- 2. Communicate effectively in writing and speaking.
- 3. Work effectively in a team.
- 4. Analyze and evaluate scientific information.

6. Assessment

Students will be assessed through a combination of written assignments, presentations, and class participation.

7. Additional Information

This course is a required component of the Chemistry major.

Signature of Contact Person

Date

## II. Description of Curriculum Change

### 1. Catalog Description

CHEM 290 – Chemistry Seminar I

(1c - 01 - 1cr)

Prerequisites: CHEM 111 or 113

Description: Provides knowledge to students concerning undergraduate research and career possibilities based on a degree in chemistry or biochemistry. Much of this class will consist

of presentations by students to a panel of faculty in chemistry, biochemistry and other