

I. Catalog Description

Course Title: Honors Seminar in Chemistry

Prefix: CHEMNumber: 484Hours: 1c-0l-1cr

• Prerequisites: admission to honors program and permission of department chairperson

Co-requisites: CHEM 483

• Description: Honors seminar course in chemistry. Students will attend seminars given by visiting scientists, faculty, graduate students and other undergraduate students. Each honors student will present one or more seminars on a topic current in the chemical literature and/or research that the student is doing in CHEM 483.

II. Objectives:

- 1. Students will evaluate and criticize cutting-edge research in chemistry.
- 2. Students will prepare and present seminars on assigned topics or on their own research.
- 3. Students will develop the ability to listen critically and to formulate probing questions about research.

 () Students will apply and discuss the support conventions for discussions of the results.

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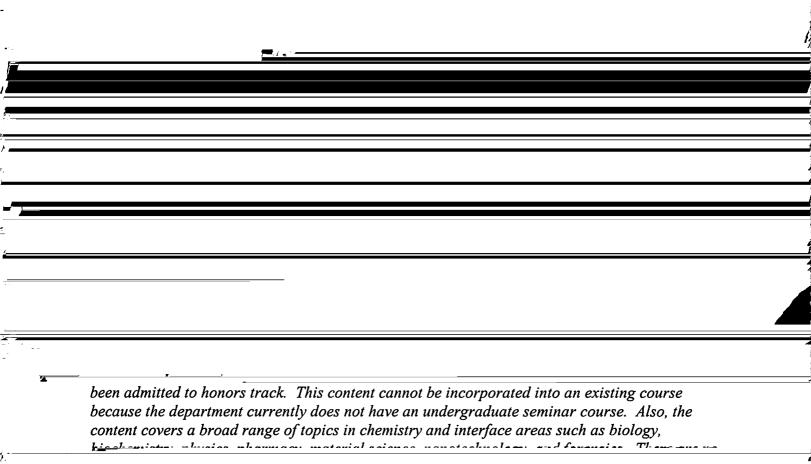
good completion of appropriate requirements (80 – 89 %) fair completion of appropriate requirements (70 – 79 %) D - poor completion of appropriate requirements (60 - 69 %)non-completion of appropriate requirements (50 – 59 %)

COURSE ANALYSIS QUESTIONNAIRE

Section A: Details of the Course

Al How does this course fit into the programs of the department? For what students is the course designed? (majors, students in other majors, liberal studies). Explain why this content cannot be incorporated into an existing course.

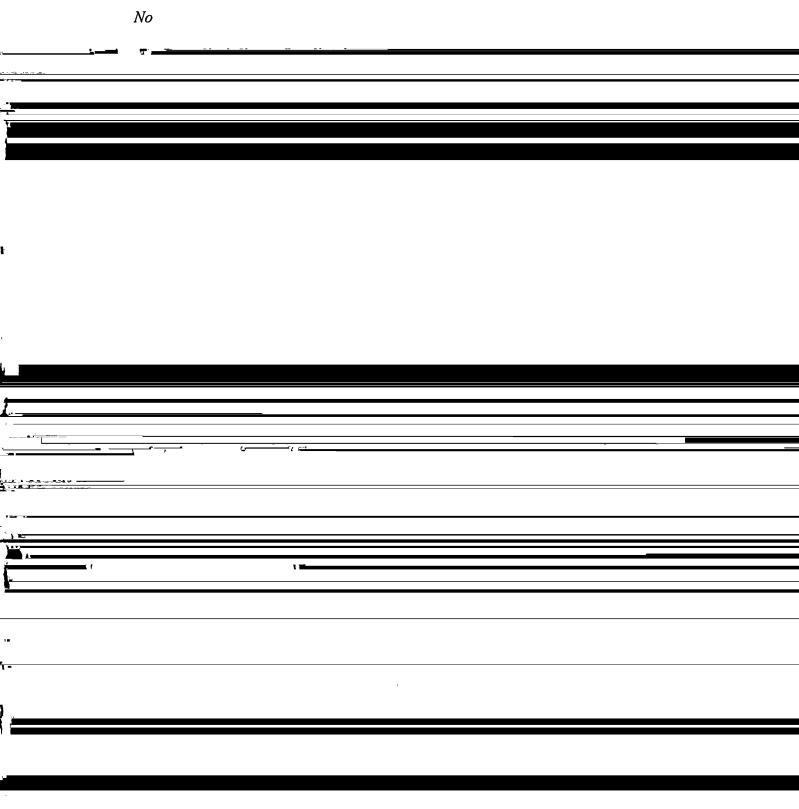
The course will extend knowledge learned in other departmental courses to areas that



University of Pittsburgh: CHEM 1700 Undergraduate Research Seminar West Chester University of Pennsylvania: CHE 491 Seminar in Chemistry

A7 Is the content, or are the skills, of the proposed course recommended or required by a professional society, accrediting authority, law or other external agency? If so please provide documentation.

No



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	 Equipment – Audio-visual equipment and internet access are required. Bot available. Laboratory Supplies and other Consumable Goods – Not required. 	h are
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	• Travel Funds – None required.	
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	appently involved. The student should be able to instific conclusions and avalois when the
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	techniques used were appropriate for this research.
	ALL students will need to provide a preliminary title by . All students will
	submit an abstract at least one full week before their formal presentation. The dates of
	each individual presentation will be determined as early in the semester as possible. The
	presentation may be held on alternate days and/or alternate times from the formal
	meeting time of the course. The contribution to the Student Seminar Presentation score
	of each of these parts will be as follows
	5 % TITLE 15 % ABSTRACT (due one week prior to the formal presentation)
	80% PRESENTATION
	<u>Preparation for student seminar presentation:</u> A preliminary title is due by
	A list of appropriate references is due at least two weeks before the presentation. (You
	may, however, add references after this date). For students presenting a literature-based
	seminar, the handout "Reading Research Articles" is useful.

An outline of the presentation is due one week prior to the student presentation. The student is encouraged to practice with presentation styles and options, including PowerPoint, so that the time spent in the preparation of overheads or slides is as productive as possible. This practice will have to take place at times outside of the

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