

COURSE IMPLEMENTATION DATE:[ September 2000  
COURSE TO BE REVIEWED DATE:[ September 2004  
(Four years after implementation date)

## OFFICIAL COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.

Shaded headings are subject to change at the discretion of the department and material will vary  
- see course syllabus available from instructor

FACULTY/DEPARTMENT	:	<b>CHEMISTRY</b>
<b>CHEM 408</b>		<b>3</b>
COURSE NAME/NUMBER	FORMER COURSE NUMBER	UCFV CREDITS
<b>DIRECTED STUDIES IN CHEMISTRY</b>		
<b>COURSE DESCRIPTIVE TITLE</b>		

## CALENDAR DESCRIPTION:

The course is designed for students pursuing a major or minor in Chemistry and represents a directed reading or literature research in an advanced topic of chemistry chosen in consultation with a supervisor. Normally this course will be taken during the fourth year of study.

PREREQUISITES: At least six upper-level chemistry credits and permission of the department head.

COREQUISITES: None

## SYNONYMOUS COURSE(S)

(a) Replaces: \_\_\_\_\_ N/A  
(Course #)  
(b) Cannot take \_\_\_\_\_ for further credit  
(Course #)

## SERVICE COURSE TO:

\_\_\_\_\_  
(Department / Program)\_\_\_\_\_  
(Department / Program)TOTAL HOURS PER TERM: **90**

## STRUCTURE OF HOURS:

Lectures: \_\_\_\_\_ hrs  
Seminar: \_\_\_\_\_ hrs  
Laboratory: \_\_\_\_\_ hrs  
Field Experience: \_\_\_\_\_ hrs  
Student Directed Learning: **90** hrs  
Other (Specify): \_\_\_\_\_ hrs

## TRAINING DAY-BASED INSTRUCTION

LENGTH OF COURSE: \_\_\_\_\_

HOURS PER DAY: \_\_\_\_\_

MAXIMUM ENROLMENT: \_\_\_\_\_

EXPECTED FREQUENCY OF COURSE OFFERING: \_\_\_\_\_

## WILL TRANSFER CREDIT BE REQUESTED?

YES \_\_\_\_\_ NO 

## TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE:

YES \_\_\_\_\_ NO 

## AUTHORIZATION SIGNATURES:

Course designer(s): \_\_\_\_\_  
N. WeinbergDepartment Head: \_\_\_\_\_  
N. Weinberg

PAC Approval in Principle Date: \_\_\_\_\_

Chairperson: \_\_\_\_\_  
(Curriculum Committee)Dean: \_\_\_\_\_  
K. Wayne WelshPAC Final Approval Date: \_\_\_\_\_  
October 27, 1999

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COURSE NAME/ NUMBER

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**LEARNING OBJECTIVES / GOALS / OUTCOMES/ LEARNING OUTCOMES:**

The student will be able to explore a specific area of chemistry in depth, learn techniques and methods of literature search, and develop communication skills (both verbal and written).

**METHODS:**

The student will work closely with a faculty member with the expertise in a selected area.

**PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):**

Credit can be awarded for this course through PLAR                      YES \_\_\_\_\_      NO   X  

**METHODS OF OBTAINING PLAR:****TEXTBOOKS, REFERENCES, MATERIALS:**

Monographs, journals, reference databases.

**SUPPLIES / MATERIALS:****STUDENT EVALUATION:**

Student proposal	10%
Intermediate report	15%
Final report	35%
Oral presentation	40%

**COURSE CONTENT:**

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COURSE NAME/ NUMBER

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