

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 : **CHEMISTRY**

CHEM 409 **6**

COURSE NAME/NUMBER FORMER COURSE NUMBER UCFV CREDITS

UNDERGRADUATE RESEARCH IN CHEMISTRY

COURSE DESCRIPTIVE TITLE

CALENDAR DESCRIPTION:

The course is designed for students pursuing a major in Chemistry and represents a research project in chemistry designed in consultation with a supervisor. Normally this course will be taken during the fourth year of study. It can be completed either in one or in two consecutive semesters.

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 N/A for further credit
 (Course #)

[**SERVICE COURSE TO:**
 (Department / Program)
 (Department / Program)

TOTAL HOURS PER TERM: 180
STRUCTURE OF HOURS:
 Lectures: hrs
 Seminar: hrs
 Laboratory: hrs
 Field Experience: hrs
 Student Directed Learning: 180 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 X

TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE: YES NO

AUTHORIZATION SIGNATURES:

Course designer(s): N. Weinberg

Chairperson: (Curriculum Committee)

Department Head: N. Weinberg

Dean: K. Wayne Welsh

PAC Approval in Principle Date:

PAC Final Approval Date: October 27, 1999

COURSE NAME/ NUMBER

LEARNING OBJECTIVES / GOALS / OUTCOMES/ LEARNING OUTCOMES:

The student will be able to explore a specific area of chemistry in depth, learn research techniques as well as 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%
Intermediate oral presentation	15%
Final report	30%
Oral presentation	30%

COURSE CONTENT: