

**COURSE NAME:** Independent Study in Chemistry

**COURSE NUMBER:** CHE\*299

**CREDITS:** 1-3

**CATALOG DESCRIPTION:**

This course is an individualized project allowing the student to independently study an area of interest in Chemistry under the supervision of a full-time Chemistry faculty member. Description of the project must be approved by the Math/Science Department Chair and instructor the semester before taking the course.

**General Education Competencies Satisfied:**

**HCC General Education Requirement Designated Competency Attribute Code(s):**

None

**Additional CSCU General Education Requirements for CSCU Transfer Degree Programs:**

None

**Embedded Competency(ies):**

*None*

**Discipline-Specific Attribute Code(s):**

SCI      Science elective

**Course objectives:**

**General Education Goals and Outcomes:**

None

**Course Specific Objectives:**

1. DEMONSTRATE KNOWLEDGE OF THE SCIENCES AND THEIR METHODS.
2. OBSERVE DATA ACCURATELY.
3. ANALYZE AND ORGANIZE FACTS AND IDEAS.
4. DRAW REASONABLE INFERENCES FROM FACTS AND IDEAS.
5. RECEIVE AND COMPREHEND WRITTEN AND ORAL INFORMATION.

6. COLLECT AND ORGANIZE INFORMATION ABOUT A TOPIC.
7. APPLY ARITHMETIC SKILLS TO PROBLEM-SOLVING.
8. INTERPRET NUMERICAL INFORMATION AS PRESENTED IN CHARTS AND GRAPHS.

**Other:**

1. Produce a presentation on a topic in chemistry.

**Course content:**

1. Determined by the student and supervisor of the project.

Reviewed 2019