

BS Environmental Science – CHEMISTRY

(At least 10 upper level elective hours)

- CHEM 1450: College Chemistry I
- CHEM 1451: College Chemistry II
- CHEM 2401: Organic I
- CHEM 3411: Organic II
- CHEM 3211: Organic Spectroscopy
- CHEM 3520: Quantitative Analysis
- CHEM 4451: Advanced Analytical
- CHEM 4351: Environmental Chemistry
- CHEM 4152: Environmental Chemistry Lab
- MATH 1496: Calculus I
- MATH 1497: Calculus II
- PHYS 1410 OR 1441: College Physics I
OR University Physics I
- PHYS 1420 OR 1442: College Physics II
OR University Physics II
- BIOL 1440: Principles of Biology I
- BIOL 1441: Principles of Biology II
- PSCI 1330: United States Government &
Politics
- PSCI 3320: Environmental Policy &
Regulation
- GEOG 1315: Introduction to Physical
Geography
- GEOG 3301: Conservation of Natural
Resources
- ENVR 3410: Environmental Theory &
Application
- ENVR 4410: Environmental Practicum

Chemistry Track Electives (10 hours from the following)

- CHEM 3360 Intermediate Inorganic
Chemistry
- CHEM 4320 Biochemistry I
- CHEM 4121 Biochemistry I Lab
- CHEM 4335 Biochemistry II
- CHEM 4450 Physical Chemistry I
- CHEM 4380 Advanced Inorganic
- CHEM 3150 Advanced Inorganic Lab
- BIOL 3403 General Ecology
(recommended)
- ENVR 4465 Environmental
Toxicology
- GEOG 2345 Geographic Information
Techniques
- GEOG 4304 Water Resources
- GEOG 4305 Soils
- ECON 3330 Environmental
Economics

General Education Checklist

To graduate from UCA, students must complete a minimum of 124 semester hours, including the general education program, major and possibly minor requirements, any special degree requirements, and 40 upper division (3000-4000) hours.

All students must take the following courses:

Writing

(to be taken on initial enrollment unless already met)

- ___ WRTG 1310 (Introduction to College Writing)
- ___ WRTG 1320 (Academic Writing & Research)*

OR

- ___ HONC 1310 (Honors Core I)**
- ___ HONC 1320 (Honors Core II)**

Health Studies

- ___ HED/KPED 1320 (Concepts of Lifetime Health & Fitness)

Oral Communication

- ___ SPCH 1300 (Basic Oral Communication)

American History and Government—Choose 1

- ___ HIST 2301 (American Nation I)
- ___ HIST 2302 (American Nation II)
- ___ PSCI 1330 (US Government & Politics)

Behavioral and Social Sciences—Choose 2

(Must be from DIFFERENT disciplines)

- ___ ANTH 1302 (Anthropology)
- ___ ECON 1310 (Modern Political Economy)
- ___ ECON 2310 (Global Environment of Business)
- ___ GEOG 1305 (Principles of Geography)
- ___ GEOG 1300 (Geography of World Regions)
- ___ LING 1310 (Language, Culture, and Society)
- ___ PSCI 1300 (Introduction to Political Science)
- ___ PSCI 1330 (US Government & Politics)
- ___ PSCI 2300 (International Relations)
- ___ PSYC 1300 (General Psychology)
- ___ SOC 1300 (Principles of Sociology)
- ___ HONC 1320 (Honors Core II)**
- ___ HONC 2310 (Honors Core III)**

Fine Arts—Choose 1

- ___ ART 2300 (Art Appreciation)
- ___ FILM 2300 (Film Appreciation)
- ___ MUS 2300 (Music Appreciation)
- ___ THEA 2300 (Theatre Appreciation)
- ___ HONC 2320 (Honors Core IV)**

Humanities—Choose 1

- ___ ENGL 1350 (Introduction to Literature)
- ___ ENGL 1355 (Film and Literature)
- ___ ENGL 2370 (Introduction to Fiction)
- ___ ENGL 2380 (Introduction to Poetry)
- ___ ENGL 2390 (Introduction to Drama)
- ___ FREN 2320 OR GERM 2320 OR SPAN 2320 (Conversation-Composition II)*
- ___ FYFS 1301 (First Year Seminar: Studies in Humanities)
- ___ PHIL 1301 (Philosophy for Living)
- ___ PHIL 2305 (Critical Thinking)
- ___ PHIL 2325 (Contemporary Moral Problems)
- ___ PHIL 2360 (Gender, Race, and Class)
- ___ RELG 1330 (Exploring Religion)
- ___ WLAN 2315 (Cultural Studies)
- ___ WLAN 2325 (Issues of Cultural Identity in Francophone Africa and the Caribbean)
- ___ HONC 1310 (Honors Core I)**
- ___ HONC 2310 (Honors Core III)**

World Cultural Traditions—3 courses required (no more than 2 courses with the same course prefix)

- ___ AFAM1330 (African & African-American Studies)
- ___ ENGL 2305 (World Literature I)
- ___ ENGL 2306 (World Literature II)
- ___ FYFS 1310 (First Year Seminar: Studies in World Cultural Traditions)
- ___ HIST 1310 (World History I)
- ___ HIST 1320 (World History II)
- ___ PHIL 1330 (World Philosophies)
- ___ RELG 1320 - World Religions
- ___ WLAN/LING 2350 (World Languages)
- ___ HONC 2310 (Honors Core III)**

NOTE:

If the ACT subject score is below 19 in reading, writing, or algebra, remediation is required.

Some majors require specific general education courses.

Courses may be used only once to satisfy the general education requirements.

A minimum grade of C is required in some general education courses.

For additional information, consult your academic advisor or the undergraduate bulletin.

* This course has prerequisites: Check the Undergraduate Bulletin for details.

** HONC courses may be taken only with consent of the Honors College.