

## ACS CERTIFIED BIOCHEMISTRY TRACK

(all degrees require completion of 40 upper division hours)

- \_\_\_\_\_ CHEM 1450: College Chemistry 1
- \_\_\_\_\_ CHEM 1451: College Chemistry 2
- \_\_\_\_\_ CHEM 2401: Organic 1
- \_\_\_\_\_ CHEM 3411: Organic 2
- \_\_\_\_\_ CHEM 3211: Organic Spectroscopy
- \_\_\_\_\_ CHEM 3520: Quantitative Analysis
- \_\_\_\_\_ CHEM 3360 or CHEM 4380: Inter. or Adv. Inorganic
- \_\_\_\_\_ CHEM 4450: Physical Chemistry 1
- \_\_\_\_\_ CHEM 4460: Physical Chemistry 2
- \_\_\_\_\_ CHEM 4320: Biochemistry 1
- \_\_\_\_\_ CHEM 4335: Biochemistry 2
- \_\_\_\_\_ CHEM 4121: Biochemistry Lab
- \_\_\_\_\_ CHEM 4201: Research
- \_\_\_\_\_ CHEM 4112: Seminar
- \_\_\_\_\_ BIOL 1440: Principles of Biology 1
- \_\_\_\_\_ BIOL 1441: Principles of Biology 2
- \_\_\_\_\_ BIOL 2490: Genetics
- \_\_\_\_\_ BIOL 3420: General Microbiology
- \_\_\_\_\_ MATH 1496: Calculus 1
- \_\_\_\_\_ MATH 1497: Calculus 2
- \_\_\_\_\_ MATH 2471: Calculus 3
- \_\_\_\_\_ PHYS 1441: University Physics 1 (or PHYS 1410, College Physics 1, if approved)
- \_\_\_\_\_ PHYS 1442: University Physics 2 (or PHYS 1420, College Physics 2, if approved)

# 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.**