

Program Completion Plan (Eight-Semester Plan)

Department: Chemistry Degree: BS
 Program/Major: Chemistry
 Track/Emphasis: ACS Certified: Standard
 Does this program require a minor? (Yes/No) No

Important information in the *Undergraduate Bulletin*:

General Education Requirements: <http://www.uca.edu/ubulletin/02/207.html>
 Degree Requirements: <http://www.uca.edu/ubulletin/02/208.html>
 Program Requirements: <http://www.uca.edu/ubulletin/03/30603.html>
 Course Description: <http://www.uca.edu/ubulletin/04/>

This degree program requires a total of **124** semester credit hours, including at least 40 upper-division credit hours.

| Year 1 | | | | Year 2 | | | |
|----------------------|-----------|----------------------|-----------|----------------------|-----------|----------------------|-----------|
| Fall (Semester 1) | | Spring (Semester 2) | | Fall (Semester 3) | | Spring (Semester 4) | |
| Course | SCH | Course | SCH | Course | SCH | Course | SCH |
| CHEM 1450 | 4 | CHEM 1451 | 4 | CHEM 2401 | 4 | CHEM 3411 | 4 |
| MATH 1591 | 5 | MATH 1592 | 5 | PHYS 1441 | 4 | CHEM 3211 | 2 |
| WRTG 1310 | 3 | WRTG 1320 | 3 | MATH 2371 | 3 | PHYS 1442 | 4 |
| GenEd ¹ | 3 | GenEd ¹ | 3 | GenEd ¹ | 3 | MATH 3331 | 3 |
| | | | | GenEd ¹ | 3 | GenEd ¹ | 3 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Total credits | 15 | Total credits | 15 | Total credits | 17 | Total credits | 16 |

| Year 3 | | | | Year 4 | | | |
|----------------------|-----------|----------------------|-----------|----------------------------------|-----------|----------------------------|-----------|
| Fall (Semester 5) | | Spring (Semester 6) | | Fall (Semester 7) | | Spring (Semester 8) | |
| Course | SCH | Course | SCH | Course | SCH | Course | SCH |
| CHEM 3520 | 5 | CHEM 4460 | 4 | CHEM 4451 ⁴ | 4 | CHEM 4112 | 1 |
| CHEM 4450 | 4 | CHEM 4320 | 3 | UD CHEM Elective ² | 3 | CHEM 4380 | 3 |
| BIOL 1400 or 1440 | 4 | GenEd ¹ | 3 | CHEM Research ³ | 1 | CHEM 3150 | 1 |
| Elective | 3 | GenEd ¹ | 3 | GenEd ¹ | 3 | Elective | 3 |
| | | Elective | 3 | Upper-Division Elective | 3 | CHEM Research ³ | 1 |
| | | | | | | GenEd ¹ | 3 |
| | | | | | | GenEd ¹ | 3 |
| | | | | | | | |
| Total credits | 16 | Total credits | 16 | Total credits | 14 | Total credits | 15 |

SIGNED – DEPARTMENT CHAIR

DATE

SIGNED – COLLEGE DEAN

DATE

To be completed by the advisor when an Eight-Semester Plan is accepted by the student:

If applicable, has student selected a minor? No Yes (Specify) _____

Notes

1. Select approved courses from the following categories of the University's General Education Program: Health Studies (1 course), Oral Communication (1 course), American History and Government (1 course), Behavioral and Social Sciences (2 courses), Fine Arts (1 course), Humanities (1 course), and World Cultural Traditions (3 courses). See Undergraduate Bulletin for lists of approved courses.
2. One of the following: CHEM 3360, CHEM 4335, CHEM 4351, CHEM 4385. Can be fulfilled fall or spring.
3. Research is required (minimum 2 credit hours) and may be begun as early as the sophomore year.
4. CHEM 4451 is offered fall semester of each even year and is on this model plan of study for fall semester of year 4. Therefore, if a student starts year one in an even year, then the student will need to take CHEM 3520 in the fall semester of year 2 and take the two general education courses scheduled for fall of year 2 in the fall of year 4 instead. Then, CHEM 4451 can be taken in the fall semester of year 3. This is important since CHEM 3520 is a prerequisite for CHEM 4451.