

Model Plan of Study non-ACS BS in Chemistry

Department: Chemistry Degree: BS
 Program/Major: Chemistry
 Track/Emphasis: Non-ACS Certified
 Does this program require a minor? (Yes/No) Yes¹

Important information in the *Undergraduate Bulletin*:

General Education Requirements: <http://www.uca.edu/ubulletin/02/208.html>
Degree Requirements: <http://www.uca.edu/ubulletin/02/209.html>
Program Requirements: <http://www.uca.edu/ubulletin/03/30603.html>

This degree program requires a total of **125-126** 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
WR TG 1310	3	WR TG 1320	3	PHYS 1441 ²	4	PHYS 1442 ²	4
MATH 1591	5	MATH 1592	5	MATH 2371	3	CHEM 3211	2
Gen Ed ¹	3	Gen Ed ¹	3	Gen Ed ¹	3	Gen Ed ¹	3
				Gen Ed ¹	3	Gen Ed 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 3360	3	CHEM 4112	1
CHEM 4450	4	CHEM 4320	3	Minor Elective ³	3	General Elective(s) (Upper Div) ³	3
BIOL 1400 or 1440	4	Gen Ed ¹	3	Minor Elective (Upper Div) ³	3	CHEM Research (2) or General Elective (3) ³	2-3
Gen Ed ¹	3	Minor Elective ³	3	Gen Ed ¹	3	Gen Ed ¹	3
		Minor Elective ³	3	General Elective (Upper Div) ³	3	Minor Elective (Upper Div) ³	3
						General Elective (Upper Div) ³	3
Total credits	16	Total credits	16	Total credits	15	Total credits	15-16

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),

Notes, continued

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. Or PHYS 1410 and 1420, College Physics I and II, with advance approval of chair of chemistry department.
3.
 - a. Courses for free electives and the required minor may be taken during other semesters to accommodate scheduling and availability of courses.
 - b. Since the total number of required hours for a minor varies from one minor to another, you might need more or less free electives than shown here, however, you still need to meet UCA's requirement of 124 total hours for a baccalaureate degree.
 - c. You must complete 40 hours of upper-level coursework for a baccalaureate degree.