

SAMPLE DEGREE PLAN

Bachelor of Science, General Science, Option B

This degree program requires a total of **120** credit hours (CH), including 38 credit hours of the lower-division (LD) UCA Core and 40 credit hours of upper-division (3000- and 4000-level) courses. This sample degree plan demonstrates how a first-time entering freshman with no college credit can earn the degree in eight semesters. The upper-division UCA Core must be met using major, minor, or general elective courses. For general and specific degree requirements, please see the *Undergraduate Bulletin* at <https://uca.edu/ubulletin>. Consult your academic advisor for appropriate substitutions and additional information.

This degree is offered as an eight-semester degree completion program. Eligible students who follow this degree plan and complete all general and specific degree requirements in the *Undergraduate Bulletin* of the year in which they were admitted will earn this degree in eight semesters. For eligibility requirements, see <https://uca.edu/ubulletin/degreeplans/> for more information.

Year 1

Fall — Semester 1		Spring — Semester 2	
Courses	CH	Courses	CH
BIOL 1440 Principles of Biology I	4	CHEM 1450 College Chemistry I	4
MATH 1390 College Algebra (if needed) ¹ or Other LD UCA Core Course	3	BIOL 1441 Principles of Biology II	4
LD UCA Core First Year Seminar	3	MATH 1486 Calculus Preparation (if needed) ¹ or MATH 1496 Calculus I ¹	4
WRTG 1310 Introduction to College Writing or Other approved Writing Foundation alternative	3	WRTG 1320 Academic Writing & Research or ENGL 1320 Interdisciplinary Writing & Research or Other approved Research and Writing alternative	3
LD UCA Core Course	3		
Total	16	Total	15

Year 2

Fall — Semester 3		Spring — Semester 4	
Courses	CH	Courses	CH
CHEM 1451 College Chemistry II	4	CHEM 2401 Organic Chemistry I ²	4
MATH 1496 Calculus I ¹ or MATH 1497 Calculus II	4	MATH 1497 Calculus II or Minor Course	3-4
LD UCA Core Course	3	PHYS 1410 College Physics 1 or PHYS 1441 University Physics 1	4
LD UCA Core Course	3	BIOL 2490 Genetics	4
LD UCA Core Course	3	General Elective	0-1
Total	17	Total	16

¹ Students with an ACT Mathematics score of 21 or higher can enroll in MATH 1486 without completing MATH 1390. Students with an ACT Mathematics score of 27 or higher can enroll in MATH 1496 without completing MATH 1390 and MATH 1486. All other students must complete MATH 1390 and MATH 1486 with a C or better before enrolling in MATH 1496.

² Students may substitute CHEM 3520 Quantitative Analysis and complete one less hour of general electives.

Year 3

Fall — Semester 5		Spring — Semester 6	
Courses	CH	Courses	CH
PHYS 1420 College Physics 2 or PHYS 1442 University Physics 2	4	PHYS 2430 College Physics 3 or PHYS 2443 University Physics 3	4
Minor Course	3	Upper-Division CHEM Elective	4
Minor Course	3	Minor Course	3
LD UCA Core Course	3	Minor Course	3
LD UCA Core Course (if needed) or General Elective	3		
Total	16	Total	14

Year 4

Fall — Semester 7		Spring — Semester 8	
Courses	CH	Courses	CH
Upper-Division PHYS Elective	4	Upper-Division CHEM or PHYS Elective	4
Minor Courses (if needed) or General Electives	9	Minor Courses (if needed) or General Electives	9
Total	13	Total	13

This sample degree plan has been approved by the Department of Physics, Astronomy, and Engineering in the College of Science and Engineering.



SIGNED – DEPARTMENT CHAIR / SCHOOL DIRECTOR

06/05/26

DATE



SIGNED – COLLEGE DEAN

06/05/26

DATE