SAMPLE DEGREE PLAN

Bachelor of Science, Computer Science

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**
CSCI 1470 Computer Science I	4	CSCI 1480 Computer Science II	4
MATH 1390 College Algebra[1]	3	MATH 1491 Applied Calculus[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 First Year Seminar	3	BIOL 1400 Exploring Concepts in Biology or BIOL 1440 Principles of Biology I or CHEM 1400 Chemistry in Society or CHEM 1450 College Chemistry I or GEOG 1400 Earth Systems Science or PHYS 1400 Physical Science for General Education or PHYS 1410 College Physics I or PHYS 1441 University Physics I	4
LD UCA Core Course	3		
Total	**16**	**Total**	**15**

Year 2

Fall — Semester 3		Spring — Semester 4	
Courses	**CH**	**Courses**	**CH**
CSCI 2320 Data Structures	3	CSCI 3360 Database Systems	3
CSCI 2335 Networking	3	CSCI 3370 Principles of Programming Languages	3
MATH 2330 Discrete Structures I	3	CSCI 3385 Artificial Intelligence	3
LD UCA Core Course	3	MATH 3311 Statistical Methods	3
LD UCA Core Course	3	LD UCA Core Course	3
Total	**15**	**Total**	**15**

[1] Students with a MATH ACT of 27 or higher may substitute MATH 1390 and MATH 1491 with MATH 1496 Calculus I and three credit hours of general electives.

Year 3

Fall — Semester 5		Spring — Semester 6	
Courses	**CH**	**Courses**	**CH**
CSCI 3330 Algorithms	3	CSCI 3381 Object-Oriented Software Development with Java	3
CSCI 4321 Ethical Implications of Computing	3	CSCI 4300 Operating Systems	3
CSCI Elective	3	Mathematics Elective	3
MATH 3320 Linear Algebra	3	BIOL 1400 Exploring Concepts in Biology or BIOL 1440 Principles of Biology I or CHEM 1400 Chemistry in Society or CHEM 1450 College Chemistry I or GEOG 1400 Earth Systems Science or PHYS 1400 Physical Science for General Education or PHYS 1410 College Physics I or PHYS 1441 University Physics I	4
LD UCA Core Course	3	LD UCA Core Course	3
Total	**15**	**Total**	**16**

Year 4

Fall — Semester 7		Spring — Semester 8	
Courses	**CH**	**Courses**	**CH**
CSCI 4490 Software Engineering	4	CSCI Elective	3
CSCI 4315 Information Security	3	CSCI Elective	3
CSCI Elective	3	General Electives	6
General Electives	6		
Total	**16**	**Total**	**12**

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

Emre Celebi — 06/03/26

SIGNED – DEPARTMENT CHAIR / SCHOOL DIRECTOR — DATE

Stephen Addison — 06/03/26

SIGNED – COLLEGE DEAN — DATE