SAMPLE DEGREE PLAN

Bachelor of Science, Cybersecurity, Management of Cybersecurity

This degree program requires a total of <ins>120</ins> credit hours (CH). This sample degree plan demonstrates how a first-time entering freshman with no college credit can earn the degree in eight semesters. 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. The university guarantees that eligible students who follow this degree plan 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 for the Life Sciences[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 or PSCI 1330 US Government and Politics	3	LD UCA Core First Year Seminar (if not taken) or PSCI 1330 US Government and Politics	3
LD UCA Core Course	3	MATH 2311 Elementary Statistics	3
Total	**16**	**Total**	**17**

Year 2

Fall — Semester 3		Spring — Semester 4	
Courses	**CH**	**Courses**	**CH**
CSCI 2320 Data Structures	3	CSEC 3300 Introduction to Number Theory and Cryptography	3
CSCI 2330 Discrete Mathematics for Computing	3	CSCI 2335 Networking	3
CSEC 2300 Introduction to Cybersecurity	3	CSCI 4305 Linux/UNIX Systems	3
PSCI 2300 Introduction to International Relations	3	LD UCA Core Course	3
LD UCA Core Lab Science	4	LD UCA Core Lab Science	4
Total	**16**	**Total**	**16**

[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 4315 Information Security	3
CSCI 3360 Database Systems	3	CISA 4361 Cybersecurity Governance & Policy	3
CSCI 4321 Ethical Implications	3	CSCI 4300 Operating Systems	3
CSEC 3320 Computer Forensics	3	CISA 3321 Managing Systems & Technology	3
LD UCA Core Course	3	General Elective	3
Total	**15**	**Total**	**15**

Year 4

Fall — Semester 7		Spring — Semester 8	
Courses	**CH**	**Courses**	**CH**
CISA 4355 Project Management	3	CSEC 4490 Cybersecurity Capstone	4
PSCI 3316 Cybersecurity Law & Policy	3	CISA 4380 Business Intelligence	3
MGMT 2301 Business Communications	3	CISA 3382 Internship in Computer Information Systems and Analytics or Approved alternative	3
CISA 4360 Principles of Information Security	3	General Elective	3
Total	**12**	**Total**	**13**

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

Emre Celebi   07/08/25

SIGNED – DEPARTMENT CHAIR / SCHOOL DIRECTOR   DATE

Stephen Addison   07/08/25

SIGNED – COLLEGE DEAN   DATE