

## SAMPLE DEGREE PLAN

### Bachelor of Science, Cybersecurity, Cyberphysical Security

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 <sup>1</sup>	3	MATH 1491 Applied Calculus for the Life Sciences <sup>1</sup>	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
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>17</b>

#### 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
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>16</b>

<sup>1</sup> 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	MGMT 2301 Business Communications	3
LD UCA Core Course	3	General Elective	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>

**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	CSEC 4345 Cyberphysical Security	3
CSEC 4335 Network Security	3	CSCI 3V75 Internship or Approved alternative	3
CSEC 4320 Ethical Hacking	3	General Elective	3
<b>Total</b>	<b>12</b>	<b>Total</b>	<b>13</b>

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

*Emre Celik*

07/08/25

SIGNED – DEPARTMENT CHAIR / SCHOOL DIRECTOR

DATE

*Stephen Addison*

07/08/25

SIGNED – COLLEGE DEAN

DATE