

Academic Map: Cybersecurity Management

Department: Computer Information Systems and Analytics **Degree:** BS
Program/Major: Cybersecurity Management
Track/Emphasis: _____
Does this program require a minor? (Yes/No) No

Important program information in the online *Undergraduate Bulletin*:

UCA Core Requirements: <https://uca.edu/ubulletin/general-policies-information/uca-core/>
LD UCA Core Check Sheet: <https://uca.edu/academicbulletins/ld-uca-core/>
UD UCA Core Course List: <https://uca.edu/academicbulletins/ud-uca-core/>
Degree Requirements: <https://uca.edu/ubulletin/general-policies-information/degree-requirements/>
Program Description: <https://uca.edu/ubulletin/colleges-departments/cb/cisa/>
Course Descriptions: <https://uca.edu/ubulletin/courses/>

This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours.

Comparable courses in the Arkansas Course Transfer System (ACTS) are cross-referenced in the ACTS column of each semester block below; a [core link](https://uca.edu/academicbulletins/ld-uca-core/) (https://uca.edu/academicbulletins/ld-uca-core/) takes the user to the *Undergraduate Bulletin's* Lower-Division (LD) UCA Core check sheet, where UCA Core options and ACTS course numbers are listed in full; an [acts link](https://uca.edu/academicbulletins/acts/) takes the user to the *Undergraduate Bulletin's* ACTS page (https://uca.edu/academicbulletins/acts/) for additional information and a UCA-ACTS crosswalk.

Scholarship recipients: Please be aware of eligibility criteria for your scholarship(s). In particular, pay attention to (1) the enrollment requirements each semester for disbursement of your scholarship(s) and (2) the number of hours and GPA required each semester and/or year for renewal of your scholarship(s). Some Academic Maps may suggest enrollment in fewer hours than required for disbursement of your scholarship(s). In such cases, work with your academic advisor to adjust your schedule to meet requirements most efficiently. Contact the Office of Student Financial Aid at (501) 450-3140 with any questions regarding enrollment/renewal requirements of your scholarship(s). For online information resources, see endnote 1.

Year 1

Fall – Semester 1 (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1310	Introduction to College Writing (LD UCA Core)	3	ENGL1013
		LD UCA Core Choice (Lab Science) ²	4	core link
PSCI	1330	US Government and Politics (LD UCA Core) ³ or LD UCA Core Choice First Year Seminar ²	3	core link
MATH	1390	College Algebra (LD UCA Core) ² or	3	MATH1103 core link
MATH	1395	Applied Mathematics for Business (or other LD UCA Core Math)		
ECON	2310	Global Environment of Business (LD UCA Core) ²	3	

Spring – Semester 2 (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1320	Academic Writing and Research or	3	ENGL1023 ENGL1023 core link
ENGL	1320	Interdisciplinary Writing and Research or Approved Alternative (LD UCA Core) ²		
CSCI	1470	Computer Science I	4	

SUBJ	NUM	TITLE	SCH	ACTS
MATH ECON	1395 2320	Applied Mathematics for Business or Principles of Macroeconomics (LD UCA Core) ²	3	ECON2103
PSCI	1330	US Government and Politics (LD UCA Core) ^{2,3} or LD UCA Core Choice First Year Seminar ²	3	PLSC2003
		LD UCA Core Choice ²	3	core link

Year 2**Fall – Semester 3 (Credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
ACCT	2310	Principles of Accounting I	3	ACCT2003
ECON CSEC	2320 2300	Principles of Macroeconomics (LD UCA Core) ² or Introduction to Cybersecurity	3	ECON2103
		General Elective	3	
PSCI	2300	Introduction to International Relations or LD UCA Core Choice ²	3	
CISA MGMT	2330 2301	Business Statistics or Business Communications (LD UCA Core) ²	3	BUSI2103 BUSI2013

Spring – Semester 4 (Credit hours: 13)¹

SUBJ	NUM	TITLE	SCH	ACTS
CSEC	2300	Introduction to Cybersecurity or General Elective	3	
CISA MGMT	2330 2301	Business Statistics or Business Communications (LD UCA Core) ²	3	BUSI2103 BUSI2013
		LD UCA Core (Lab Science) ²	4	core link
PSCI	2300	Introduction to International Relations or LD UCA Core Choice ²	3	core link

Year 3**Fall – Semester 5 (Credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
CISA	3321	Managing Systems and Technology	3	
MGMT	3340	Managing People and Work (UD UCA Core: D, R) ²	3	
CISA CSCI	3363 2335	Networking I or Networking	3	
CISA	3365	Database Applications	3	
		General Elective	3	

Spring – Semester 6 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
CSCI	4305	Linux/Unix Systems	3	
CISA CISA	4363 4360	Networking II or Information Security	3	
MGMT	3305	Business Ethics	3	
CISA	3328	Systems Analysis and Design (UD UCA Core: C) ²	3	
		General Elective	3	

Year 4**Fall – Semester 7 (Credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
PSCI	3316	Cybersecurity Law and Policy (UD UCA Core: C) ²	3	
FINA	3330	Managing Finance and Capital (UD UCA Core: I) ²	3	
CSEC	3320	Computer Forensics	3	
CISA	4361	Cybersecurity Governance and Policy	3	
		General Elective	3	

Spring – Semester 8 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
CISA	4355	Project Management (UD UCA Core: Z) ²	3	
CISA	4363	Networking II or	3	
CISA	4360	Information Security		
PSCI	3369	Cybersecurity Citizenship	3	
CISA	4375	Cybersecurity Strategy and Management	3	
		General Elective	3	

SIGNED – DEPARTMENT CHAIR

DATE

SIGNED – COLLEGE DEAN

DATE

To be completed by the advisor when an Eight-Semester plan is accepted by the student:

If applicable, has student selected a minor? Type “x” as appropriate. _____ No _____ Yes

If “yes,” specify: _____

Notes

¹ See online information resources for UCA scholarships at <https://uca.edu/scholarships/> and for state scholarships at <https://scholarships.adhe.edu/scholarships-and-programs/a-z/>.

² Students must select one course from each category to meet UCA Core requirements.

- Physical Science
- Life Science
- Mathematics
- Writing (2 semesters)
- American History and Government*
- Fine Arts/Humanities*
- Diversity and Creative Works*
- Responsible Living*
- MGMT 2301 Business Communications (Oral Communication)
- ECON 2320 Macroeconomics (Social Science)
- ECON 2310 Global Environment of Business (Diversity in World Cultures)

*First Year Seminar courses may be available in these areas.

Notes – *continued*

The student will also need to complete major, minor, or general elective courses designated as fulfilling the upper-division and capstone requirements of the upper-division (UD) UCA Core. See annotations in this Academic Map for courses within the major that will fulfill these requirements.

³ This course is required, and fulfills the American History and Government LD Core requirement.