

Academic Map: Cybersecurity Management

Department: Management Information Systems **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/mis/>
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* UCA Lower-Division 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	3	ENGL1013
BIOL	1400	Exploring Concepts in Biology or Approved alternative (LD UCA Core: Life Science) ²	4	BIOL1004 core link
		UCA Core: Responsible Living Requirement	3	core link
PSCI	1330	US Government and Politics ³	3	PLSC2003
MATH	1390	College Algebra ⁴	3	MATH1103

Spring – Semester 2 (Credit hours: 13)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1320	Academic Writing and Research	3	ENGL1023
MGMT	2301	Business Communication ⁵	3	BUSI2013
		UCA Core: Physical Science Requirement	4	core link
MATH	1395	Applied Mathematics for Business	3	

Year 2**Fall – Semester 3 (Credit hours: 16)**

SUBJ	NUM	TITLE	SCH	
QMTM MATH	2330 2311	Business Statistics or Elementary Statistics	3	
ECON	2320	Principles of Macroeconomics ⁶	3	ECON2103
CSCI	1470	Computer Science I	4	
		UCA Core: Fine Arts/Humanities Requirement	3	core link
ACCT	2310	Principles of Accounting I	3	ACCT2003

Spring – Semester 4 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	
ECON	2310	Global Environment of Business ⁷	3	
CSEC	2300	Introduction to Cybersecurity	3	
		UCA Core: Diversity in Creative Works Requirement	3	core link
ECON	2321	Principles of Microeconomics ⁶	3	ECON2203
		General elective	3	

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

SUBJ	NUM	TITLE	SCH	
MIS	3321	Managing Systems and Technology	3	
MGMT	3340	Managing People and Work (UD UCA Core: D, R)	3	
MIS	3363	Networking I	3	
PSCI	2300	Introduction to International Relations	3	
		General elective	3	

Spring – Semester 6 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	
CSEC	3320	Computer Forensics	3	
MIS	3365	Database Applications	3	
MIS	3363	Networking II	3	
MIS	4360	Information Security	3	
MIS	3328	Systems Analysis and Design (UD UCA Core: C)	3	

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

SUBJ	NUM	TITLE	SCH	
PSCI	3316	Cybersecurity Law and Policy (UD UCA Core: C)	3	
FINA	3330	Managing Finance and Capital (UD UCA Core: I)	3	
MIS	3364	Network Security	3	
MIS	4361	Cybersecurity Governance and Policy	3	
		General elective	3	

Spring – Semester 8 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	
MIS	4355	Project Management (UD UCA Core: Z)	3	
MGMT	3305	Business Ethics	3	
PSCI	3369	Cybersecurity Citizenship	3	
MIS	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 See appropriate choices, alternatives, or substitutions under “UCA Core” in the *Undergraduate Bulletin*. During the first year, a student must complete a Lower Division (LD) UCA Core course designated as a First-Year Seminar (FYS) in Critical Inquiry, Diversity, or Responsible Living. An approved LD UCA Core lab science and an approved LD UCA Core math course should be taken in the first two years if possible.

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 Fulfills the American History and Government requirement in the LD UCA Core.

⁴ Fulfills the Critical Inquiry/Quantitative requirement in the LD UCA Core.

⁵ Fulfills the Oral Communication requirement in the LD UCA Core.

⁶ Fulfills the Inquiry and Analysis/Social Science requirement in the LD UCA Core.

⁷ Fulfills the Diversity in World Cultures requirement in the LD UCA Core.