



# CYBERSECURITY MANAGEMENT

BACHELOR OF SCIENCE

### UCA Lower-Division Core (38 hours)

**Complete all UCA LD Core requirements**

### Business & Core LD Reqs. (24 hours)

PSCI 1330 US Government & Politics <sup>1</sup>
MATH 1395 Applied Math for Business <sup>1,*</sup>
ECON 2310 Global Environment of Business <sup>1</sup>
MGMT 2301 Business Communications <sup>1</sup>
ACCT 2310 Principles of Accounting I <sup>2,*</sup>
CISA 2330 Business Statistics <sup>2,*</sup>
ECON 2320 Prin. of Macroeconomics <sup>1,2,*</sup>
ECON 2321 Prin. of Microeconomics <sup>1,2,*</sup>

### Business Upper-Division Reqs. (9 hours)

CISA 3321 Managing Systems and Tech.
FINA 3330 Managing Finance & Capital*
MGMT 3340 Managing People & Work*

### Technology Requirement (28 hours)

CSCI 1470 Computer Science I*	
CSEC 2300 Intro. to Cybersecurity*	
CSEC 3320 Computer Forensics*	
CISA 3328 Systems Analysis & Design*	
CISA 3363 Networking I OR CSCI 2335 Networking	
CISA 3365 Database Applications*	
CISA 4360 Prin. of Info. Security	
CISA 4363 Networking II*	
<b>Complete 1 CISA Elective</b>	
<b>CISA Elective</b> may be any 3000-/4000-level CISA course.	

### Strategy & Management Req. (21 hours)

PSCI 2300 International Relations
PSCI 3316 Cybersecurity Law and Policy*
PSCI 3369 Cybersecurity Citizenship*
MGMT 3305 Business Ethics
CISA 4355 Project Management*
CISA 4361 Cybersecurity Governance and Policy*
CISA 4375 Cybersecurity Strategy and Management*

### Electives to reach 120 hours


### Graduation Requirements

	REQUIRED Hours	✓	REQUIRED GPA	✓
Total / Overall	120		2.0	
Major	49		2.0	
Business & Core Lower-Division Reqs.	24			
UCA Lower-Division Core	38			
UCA Upper-Division Hours	40			
UCA Residence Requirement	30			

This check sheet summarizes degree requirements. Please refer to the *Undergraduate Bulletin* for official information about academic programs and undergraduate degree policies. Your academic advisor or the Office of the Registrar can help you understand the Undergraduate Bulletin if needed.

<https://uca.edu/ubulletin/>

## **Choose 1 CISA Elective**

Select any upper-division CISA course

<https://uca.edu/ubulletin/courses/cisa/>

CISA 3300 Intro to Computer Architecture & Programming

CISA 3301 Programming in COBOL I

CISA 3335 Data Analysis using Python\*

CISA 3339 Programming in Java I\*

CISA 3343 Advanced Spreadsheet Applications\*

CISA 3362 Programming in Visual Basic I\*

CISA 3366 Website Development\*

CISA 4325 Predictive Analytics\*

CISA 4329 Database Management Systems\*

CISA 4330 Prescriptive Analytics\*

CISA 4339 Programming in Java II\*

CISA 4364 Computer and Network Security

CISA 4366 E-Commerce & Advanced Website  
Development\*

CISA 4367 Advanced Web Design with Databases

CISA 4380 Business Intelligence & Data Visualization\*

CISA 4381 Data Mining & Applied Analytics

CISA 3V82 Internship in CISA

CISA 3V92 Internship in CISA

CISA 4370 Advanced Topics in Information Systems

CISA 4390 Special Projects in Information Systems\*

## **Notes**

<sup>1</sup> In addition to meeting Business & Core lower-division requirements, this course also counts toward the UCA lower-division core.

<sup>2</sup> ACCT 2310, CISA 2330, ECON 2320, and ECON 23321 are prerequisites to the Business Upper-Division Requirements of FINA 3330 and MGMT 3340. BS-CM students are not required to take ACCT 2311.

\* This course has one or more prerequisites.

## **Important Resources**

Department of Computer Information Systems & Analytics

<https://uca.edu/cisa/>

UCA Lower-Division Core

<https://uca.edu/academicbulletins/ld-uca-core/>

UCA Upper-Division Core

<https://uca.edu/academicbulletins/ud-uca-core/>

UCA – Arkansas Course Transfer System

<https://uca.edu/academicbulletins/acts/>