INFORMATION SYSTEMS

BACHELOR OF SCIENCE

UCA Lower-Division Core (38 hours)

Complete all UCA LD Core requirements

Business & Core Lower-Division Reqs. (24 hours)

	MATH 1395 Applied Math for Business [1], * OR MATH 1491 Calc. for Life Sciences[1], *
	ACCT 2321 Legal Environment of Business I
	ECON 2310 Global Environment of Business [1]
	MGMT 2301 Business Communications [1]
	ACCT 2310 Principles of Accounting I [2], *
	CISA 2330 Business Statistics [2], *
	ECON 2320 Prin. of Macroeconomics [1,2], *
	ECON 2321 Prin. of Microeconomics [1,2], *

Business Upper-Division Reqs. (12 hours)

	CISA 3321 Managing Systems and Tech.
	FINA 3330 Managing Finance & Capital*
	MGMT 3340 Managing People & Work*
	MKTG 3350 Principles of Marketing*

Computer Science Minor (17 hours)

	CSCI 1470 CS I*
	CSCI 1480 CS II*
	CSCI 2320 Data Structures*

Complete 2 CSCI Minor Electives

Electives to reach 120 hours

Information Systems Major (30 hours)

Complete 7 Required Major Courses

	CISA 3328 Systems Analysis and Design*
	CISA 3335 Data Analysis Using Python OR CSCI 1340 Intro to Programming*
	CISA 3339 Programming in Java I* OR CSCI 3381 Object-Oriented Software Development*
	CISA 3363 Telecomm. and Networks I OR CSCI 2335 Networking*
	CISA 3365 Database Applications* OR CSCI 3360 Database Systems*
	CISA 4355 Project Management*
	CISA 4360 Prin. of Information Security OR CSCI 4315 Information Security*

Complete 3 IS Major Electives

IS Major Electives should be selected from the approved list.

Graduation Requirements

	REQUIRED Hours	✓	REQUIRED GPA	✓
Total / Overall	120		2.0	
Information Systems Major	30		2.0	
Computer Science Minor	17		2.0	
Business & Core LD Requirements	36 - 37			
UCA Lower Division Core	38			
UCA Upper Division Hours	40			
UCA Residence Requirements	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 3 IS Major Electives from this list:

CISA 3366 Website Development*
CISA 3V82 Internship*
CISA 4320 Critical Thinking in Data Analytics*
CISA 4325 Predictive Analytics*
CISA 4329 Database Management Systems*
CISA 4330 Prescriptive Analytics*
CISA 4366 Advanced Web Design*
CISA 4380 Business Intelligence & Data Visualization*
CISA 4381 Data Mining & Applied Analytics*
CISA 4V82 Internship*
CSCI 3V75 Internship*
CSCI 4305 Linux/Unix*
CSCI 4365 Web Technology*
CSCI 4370 Data Mining*
CSCI 4371 Machine Learning*
CSCI 4372 Data Clustering*
MATH 3311 Statistical Methods II*
   OR WRTG 3310 Technical Writing*

Choose 2 CSCI Minor Electives:

Select any 2 upper-division CSCI courses. May not double-count any course that is also fulfilling the IS Major requirements.

   https://uca.edu/ubulletin/courses/csci/

Notes

[1] In addition to meeting Business & Core lower-division requirements, this course also counts toward the UCA lower-division core.
[2] ACCT 2310, CISA 2330, ECON 2320, and ECON 23321 are prerequisites to the Business Upper-Division Requirements of FINA 3330, MGMT 3340, and MKTG 3350. BS-IS students are not required to take ACCT 2311.
* This course has one or more prerequisites.

Important Resources

CISA Course Descriptions: https://uca.edu/ubulletin/courses/cisa/
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/