

## Academic Map: Computer Information Systems

**Department:** Computer Information Systems and Analytics      **Degree:** BBA  
**Program/Major:** Computer Information Systems  
**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 <sup>1</sup>.

### Year 1

#### Fall – Semester 1 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1310	Introduction to College Writing (LD UCA Core) <sup>2</sup>	3	<a href="#">ENGL1013</a>
MATH	1390	College Algebra (LD UCA Core) <sup>2</sup> or	3	<a href="#">MATH1103</a>
MATH	1395	Applied Mathematics for Business (depending on placement)		<a href="#">core link</a>
BUAD	1300	Introduction to Business or	3	
ECON	2310	Global Environment of Business (LD UCA Core) <sup>2</sup>		
MIS	1300	Business Computing or	3	<a href="#">core link</a>
		LD UCA Core Choice First Year Seminar <sup>2</sup>		
		LD UCA Core Choice <sup>2</sup>	3	<a href="#">core link</a>

#### Spring – Semester 2 (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1320	Academic Writing and Research or	3	<a href="#">ENGL1023</a>
ENGL	1320	Interdisciplinary Writing and Research or		
		Approved Alternative (LD UCA Core) <sup>2</sup>		<a href="#">core link</a>

SUBJ	NUM	TITLE	SCH	ACTS
MIS	1300	Business Computing or LD UCA Core Choice First Year Seminar <sup>2</sup>	3	<a href="#">core link</a>
BUAD ECON	1300 2310	Introduction to Business or Global Environment of Business (LD UCA Core) <sup>2</sup>	3	<a href="#">core link</a>
		LD UCA Core Choice (Lab Science) <sup>2</sup>	4	<a href="#">core link</a>
MATH ECON	1395 2320	Applied Mathematics for Business or Principles of Macroeconomics (LD UCA Core) <sup>2</sup>	3	<a href="#">core link</a> ECON2103

## Year 2

### Fall – Semester 3 (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
QMTM MGMT	2330 2301	Business Statistics or Business Communications (LD UCA Core) <sup>2</sup>	3	BUSI2103 BUSI2013
ACCT	2310	Principles of Accounting I	3	ACCT2003
ECON ECON	2320 2321	Principles of Macroeconomics (LD UCA Core) <sup>2</sup> or Principles of Microeconomics (LD UCA Core) <sup>2</sup>	3	ECON2103 ECON2203
		LD UCA Core Choice (Lab Science) <sup>2</sup>	4	<a href="#">core link</a>
ACCT	2321	Legal Environment of Business or LD UCA Core Choice <sup>2</sup>	3	BLAW2003 <a href="#">core link</a>

### Spring – Semester 4 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
QMTM MGMT	2330 2301	Business Statistics or Business Communications (LD UCA Core) <sup>2</sup>	3	BUSI2103 BUSI2013
ACCT	2311	Principles of Accounting II	3	ACCT2013
ECON	2321	Principles of Microeconomics (LD UCA Core) <sup>2</sup> or General Elective	3	ECON2203
ACCT	2321	Legal Environment of Business or LD UCA Core Choice <sup>2</sup>	3	BLAW2003 <a href="#">core link</a>
		General Elective	3	

## Year 3

### Fall – Semester 5 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
MGMT	3340	Managing People and Work (UD UCA Core: D, R) <sup>2,3</sup>	3	
MKTG	3350	Principles of Marketing <sup>3</sup>	3	
MIS	3321	Managing Systems and Technology	3	
MIS	3300	Introduction to Computer Architecture & Programming	3	
		General Elective	3	

### Spring – Semester 6 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
MGMT	3344	Operations in Supply Chain Management <sup>3</sup> or General Elective	3	
FINA	3330	Managing Finance and Capital (UD UCA Core: I) <sup>2,3</sup>	3	
MIS	3365	Database Applications	3	

SUBJ	NUM	TITLE	SCH	ACTS
MIS	3328	Systems Analysis and Design (UD UCA Core: C) <sup>2</sup>	3	
		General Elective	3	

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

SUBJ	NUM	TITLE	SCH	ACTS
MIS	3301	Programming in COBOL I or	3	
	3339	Programming in Java I or		
	3362	Programming in Visual Basic I or		
	3366	Website Development or		
	4329	Database Management Systems or		
	4339	Programming in Java II or		
	4360	Principles of Information Security or		
	4361	Cybersecurity Governance & Policy or		
	4363	Telecommunications and Networking II or		
	4364	Computer and Network Security or		
	4366	E-Commerce and Advanced Website Development		
	4375	Cybersecurity Strategy and Management or		
	4390	Special Projects in Information Systems		
MIS	3363	Telecommunications and Computer Networks I	3	
MIS		MIS Major Course Elective	3	
MGMT	3344	Operations in Supply Chain Management <sup>3</sup> or	3	
		General Elective		
		General Elective	3	

**Spring – Semester 8 (Credit hours: 13)**

SUBJ	NUM	TITLE	SCH	ACTS
MGMT	4347	Managing Policy and Strategy (UD UCA Core: Z) <sup>2,3</sup>	3	
MIS	4355	Project Management	3	
MIS	3301	Programming in COBOL I or	3	
	3339	Programming in Java I or		
	3362	Programming in Visual Basic I or		
	3366	Website Development or		
	4329	Database Management Systems or		
	4339	Programming in Java II or		
	4360	Principles of Information Security or		
	4361	Cybersecurity Governance & Policy or		
	4363	Telecommunications and Networking II or		
	4364	Computer and Network Security or		
	4366	E-Commerce and Advanced Website Development		
	4375	Cybersecurity Strategy and Management or		
	4390	Special Projects in Information Systems		
		General Elective	3	
		General Elective	1	

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 SIGNED – DEPARTMENT CHAIR

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 DATE

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 SIGNED – COLLEGE DEAN

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 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

<sup>1</sup> 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/>.

<sup>2</sup> 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 2321 Microeconomics or 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.

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.

<sup>3</sup> FINA 3330, MGMT 3340, MGMT 3344, MKTG 3350. These courses have a prerequisite requirement of an average grade of C or better in the following courses ACCT 2310, ACCT 2311 or CSCI 2330, ECON 2320, ECON 2321, QMTH 2330.