

**College of the Ouachitas<sup>1</sup>**  
**Associate of Science in Business<sup>2</sup>**

Possible Prerequisites			Semester	Hours	Grade
ENGL	1023	Foundations of Reading and Writing		N/C	
ENGL	1103	Basic Writing		N/C	
GNEC	1012	Principles of Collegiate Success		N/C	
MATH	1033	Foundations of Math I		N/C	
MATH	1043	Foundations of Math II		N/C	
READ	1013	Academic Reading		N/C	

**General Education Requirements (38 credit hours)**

English/Communication (9 credit hours)			UCA <sup>3</sup>	Semester	Hours	Grade
ENGL	1113	Composition I	WRTG 1310		3	
ENGL	1213	Composition II	WRTG 1320		3	
COMM	2113	Oral Communication	COMM 1300		3	

Mathematics (6 credit hours)			UCA	Semester	Hours	Grade
MATH	1143	College Algebra	MATH 1390		3	
MATH	2163	Business Calculus	MATH 1395		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1124	Introduction to Biology <i>(or other ASB Life Science with Lab)</i>	BIOL 1400		4	
PHYC	1134	Introduction to Physical Science <i>(or other ASB Physical Science with Lab)</i>	PHYS 1400		4	

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
HUMN	2113	<b>Choose one:</b> Humanities: Art	ART 2300		3	
HUMN	2123	Humanities: Music	MUS 2300			
HUMN	2133	Humanities: Theatre	THEA 2300			
ENGL	2213	<b>Choose one:</b> World Literature I	ENGL 2305		3	
ENGL	2223	World Literature II	ENGL 2306			

Social Sciences (9 credit hours)			UCA	Semester	Hours	Grade
HIST	2113	<b>Choose one:</b> US History through 1875	HIST 2301		3	
HIST	2123	US History since 1875	HIST 2302			
GOVT	2113	American National Government	PSCI 1330			
HIST	1113	<b>Choose one:</b> Civilization through 16th Century	HIST 1310		3	
HIST	1123	Civilization since 16th Century	HIST 1320			
PSYC	1113	<b>Choose one:</b> General Psychology	PSYC 1300		3	
SOCI	1113	Principles of Sociology	SOC 1300			

**Business Foundation (24 credit hours)**

			UCA	Semester	Hours	Grade
ACTG	1113	Principles of Accounting I	ACCT 2310		3	
ACTG	1203	Principles of Accounting II	ACCT 2311		3	
BOIS	2203	Legal Environment	ACCT 2321		3	
GBUS	2023	Business Statistics	QMTM 2330		3	
DATA	1123	Fundamentals of Information Technology	CSCI 1300		3	
ECON	2113	Principles of Macroeconomics	ECON 2320		3	
ECON	2213	Principles of Microeconomics	ECON 2321		3	
BOIS	2303	Business Communications	MGMT 2301		3	

**Total Hours: 62<sup>4</sup>**



**2+2 Degree Plan Checklist  
Associate of Science in Business  
BBA in MIS (Programmer Analyst)**



**University of Central Arkansas  
Bachelor of Business Administration in Management Information Systems (Programmer Analyst)  
UCA Courses (58 credit hours)<sup>5</sup>**

<b>Business Foundation (6 credit hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
ECON	2310	Global Environment of Business		3	
MIS	2343	Desktop Decision Support Technologies		3	

<b>Business Core (18 credit hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
FINA	3330	Managing Finance and Capital (UD UCA Core: I)		3	
MGMT	3340	Managing People and Work (UD UCA Core: D, R)		3	
MGMT	3344	Operations and Supply Chain Management		3	
MIS	3321	Managing Systems and Technology		3	
MKTG	3350	Principles of Marketing		3	
MGMT	4347	Managing Policy and Strategy (UD UCA Core: Z)		3	

<b>MIS: Programmer Analyst (24 credit hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
MIS	3300	Introduction to Computer Architecture and Programming		3	
MIS	4328	Systems Analysis and Design (UD UCA Core: C)		3	
MIS	3363	Telecommunications & Computer Networks I		3	
MIS	3365	Database Applications		3	
MIS	4355	Project Management (UD UCA Core: Z)		3	
<b>Choose one:</b>					
MIS	3301	Programming in COBOL I		3	
MIS	3335	Programming in Python I			
MIS	3339	Programming in Java I			
MIS	3362	Programming in Visual Basic I			
MIS	4339	Programming in Java II			
MIS	4329	Database Management Systems		3	
MIS / QMTH		MIS Major Course Elective		3	

<b>Electives (10 credit hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
		Upper Division General Elective		3	
		General Electives		7	

**Total Hours: 120<sup>6</sup>**

<sup>1</sup> Please see your COTO advisor for degree and graduation information.

<sup>2</sup> Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at COTO, not to precede the academic year during which the agreement first took effect. A period of non-enrollment of 12 months or more requires that the student adhere to the agreement revision corresponding with the academic year of re-enrollment.

<sup>3</sup> UCA course is either guaranteed by ACTS (acts.adhe.edu) or by UCA Department Chair approval (if blank, elective credit will be awarded).

<sup>4</sup> Students completing the AS in Business degree requirements, as shown above, with a minimum 2.0 cumulative GPA, will have satisfied the UCA Lower-Division Core and will be admitted to the BBA in Management Information Systems (Programmer Analyst) degree program as a junior.

<sup>5</sup> In order to receive important communications about transferring to UCA, students are encouraged to create a UCA student account at [gopurple.uca.edu](http://gopurple.uca.edu). For more information about the 2+2 program, students may also send email inquiries to [ucatransfer@uca.edu](mailto:ucatransfer@uca.edu).

<sup>6</sup> This agreement requires 120 credit hours as follows: maximum 62 at COTO and remaining 58 at UCA (40 of which must be upper-division).