



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



**Black River Technical College**  
**Associate of Science in Business<sup>1</sup>**

Possible Prerequisites			Semester	Hours	Grade
COLL	1001	College Success Strategies		N/C	
ENG	0004	College Literacy		N/C	
ENG	0023	Writing Fundamentals		N/C	
MATH	0013	Pre-Algebra		N/C	
MATH	0023	Introductory Algebra		N/C	
MATH	0033	Intermediate Algebra		N/C	

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

English/Communication (9 credit hours)			UCA <sup>2</sup>	Semester	Hours	Grade
ENG	1003	Freshman English I	WRTG 1310		3	
ENG	1013	Freshman English II	WRTG 1320		3	
SCOM	1203	Oral Communications	COMM 1300		3	

Mathematics (6 credit hours)			UCA	Semester	Hours	Grade
MATH	1023	College Algebra	MATH 1390		3	
MATH	2143	Business Calculus	MATH 1395		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1004	Biological Science and Lab	BIOL 1400		4	
GSP	1004	Physical Science and Lab	PHYS 1400		4	

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
FAV	2503	Fine Arts Visual or	ART 2300		3	
FAM	2503	Fine Arts Musical or	MUS 2300			
FAT	2203	Fine Arts Theatre	THEA 2300			
ENG	2003	Introduction to Western Literature I or	ENGL 2305		3	
ENG	2013	Introduction to Western Literature II	ENGL 2306			

Social Sciences (9 credit hours)			UCA	Semester	Hours	Grade
HIST	1013	World Civilization to 1660 or	HIST 1310		3	
HIST	1023	World Civilization Since 1660	HIST 1320			
HIST	2763	U.S. History to 1876 or	HIST 2301		3	
HIST	2773	U.S. History since 1876 or	HIST 2302			
POSC	2103	United States Government	PSCI 1330			
SOC	2213	Principles of Sociology	SOC 1300		3	

**Business Foundation (24 credit hours)**

			UCA	Semester	Hours	Grade
ACCT	2003	Introduction to Financial Accounting	ACCT 2310		3	
ACCT	2013	Introduction to Managerial Accounting	ACCT 2311		3	
ADMS	2563	Business Communications	MGMT 2301		3	
LAW	2023	Legal Environment of Business	ACCT 2321		3	
CA	1903	Introduction to Computer Concepts	CSCI 1300		3	
ECON	2313	Macroeconomics	ECON 2320		3	
ECON	2323	Microeconomics	ECON 2321		3	
QM	2113	Business Statistics	QMTH 2330		3	

**Total Hours: 62<sup>3</sup>**



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**Associate of Science in Business**  
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**University of Central Arkansas**

**Bachelor of Business Administration in Management Information Systems (Programmer Analyst Concentration)**

UCA Courses (58 credit hours)<sup>4</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 Support Technologies		3	

<b>Business Core (18 credit hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
FINA	3330	Managing Finance & Capital		3	
MGMT	3340	Managing People & Work		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		3	

<b>MIS: Programmer Analyst Concentration (24 credit hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
MIS	3328	Systems Analysis and Design		3	
MIS	3363	Telecommunications and Computer Networks		3	
MIS	3365	Database Applications		3	
MIS	3301	<b>Choose one:</b> COBOL I		3	
MIS	3335	Programming in Scripting Languages			
MIS	3339	Programming in Java I			
MIS	3362	Visual Basic			
MIS	4329	Database Management Systems		3	
MIS	3301	<b>Choose one:</b> <sup>5</sup> COBOL I		3	
MIS	3335	Programming in Scripting Languages			
MIS	3339	Programming in Java I			
MIS	3362	Visual Basic			
MIS	4339	Programming in Java II			
CSCI	1470	Computer Science I			
MIS / QMTH		MIS Major Course Elective		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> See your BRTC advisor for degree and graduation information.

<sup>2</sup> UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.

<sup>3</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 requirements and will be admitted to the BBA in MIS (Application Development, Programmer Analyst Concentration) degree program as a junior.

<sup>4</sup> For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (<http://uca.edu/ubulletin>) and consult your UCA academic advisor.

<sup>5</sup> If CSCI 1470 (4 credits) is selected from this category, only 9 Elective hours would be required to complete the BBA degree.

<sup>6</sup> This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.