



2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
Bachelor of Science in Information Systems



University of Arkansas-Pulaski Technical College¹
Associate of Science in Liberal Arts and Sciences²

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)			UCA³	Semester	Hours	Grade
ENGL	1311	English Composition I	WRTG 1310		3	
ENGL	1312	English Composition II	WRTG 1320		3	
SPCH	1300	Speech Communications	COMM 1300		3	

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MATH	1302	College Algebra	MATH 1390		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1100/1300	Biology for Non-Majors and Lab <i>(or other ASLAS Life Science with Lab)</i>	BIOL 1400		4	
PHYS	1100/1300	Physical Science and Lab <i>(or other ASLAS Physical Science with Lab)</i>	PHYS 1400		4	

Arts and Humanities (3 credit hours)			UCA	Semester	Hours	Grade
ARTS	2300	Choose one: Introduction to Visual Arts Introduction to Music Introduction to Theatre <i>(or other ASLAS Arts and Humanities)</i>	ART 2300		3	
MUSC	2300		MUS 2300			
THEA	2300		THEA 2300			

Literature (3 Credit Hours)			UCA	Semester	Hours	Grade
ENGL	2337	Choose one: World Literature from the Beginning to 1650 World Literature from 1650 to the Present <i>(or other ASLAS Literature)</i>	ENGL 2305		3	
ENGL	2338		ENGL 2306			

History/Government (3 credit hours)			UCA	Semester	Hours	Grade
HIST	2311	Choose one: US History to 1877 US History since 1877 American National Government	HIST 2301		3	
HIST	2312		HIST 2302			
POLS	1310		PSCI 1330			

Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
ECON	2322	Principles of Microeconomics	ECON 2321		3	
ECON	2323	Principles of Macroeconomics	ECON 2320		3	

Information Systems Foundation (25 credit hours)

			UCA	Semester	Hours	Grade
ACCT	2310	Principles of Accounting I	ACCT 2310		3	
BUS	2633	Legal Environment of Business	ACCT 2321		3	
CIS	2514	Introduction to Computer Science I	CSCI 1470		4	
CIS	2644	Introduction to Computer Science II	CSCI 1480		4	
CIS	2733	Data Structures	CSCI 2320		3	
MATH	1308	Business Calculus	MATH 1395		3	
MATH	2320	Introduction to Statistics and Probability	MATH 2311		3	
		<i>ASLAS Approved Elective</i>			2	

Total Hours: 60⁴



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University of Central Arkansas
Bachelor of Science in Information Systems
UCA Courses (60 credit hours)⁵

Business Foundation (6 credit hours)			Semester	Hours	Grade
ECON	2310	Global Environment of Business		3	
MGMT	2301	Business Communications		3	
Business Core (12 credit hours)			Semester	Hours	Grade
FINA	3330	Managing Finance and Capital (UD UCA Core: I)		3	
MGMT	3340	Managing People and Work (UD UCA Core: D, R)		3	
MIS	3321	Managing Systems and Technology		3	
MKTG	3350	Principles of Marketing		3	
Information Systems Requirement (30 credit hours)			Semester	Hours	Grade
CSCI	1340	<u>Choose one:</u> Introduction to Programming I		3	
MIS	3335	Programming in Python I			
CSCI	3335	<u>Choose one:</u> Networking		3	
MIS	3363	Telecommunications & Computer Networks I			
MIS	3365	<u>Choose one:</u> Database Applications		3	
CSCI	3360	Database Systems (UD UCA Core: C)			
CSCI	3V75	<u>Choose one:</u> Internship		3	
MIS	3382	Internship in Management Information Systems			
CSCI	3381	<u>Choose one:</u> Object-Oriented Software Development		3	
MIS	3339	Programming in Java I			
MIS	4360	<u>Choose one:</u> Principles of Information Security		3	
CSCI	4315	Information Security (UD UCA Core: R)			
CSCI	4305	<u>Choose one:</u> Linux/Unix Systems		3	
CSCI	4365	Web Technology			
CSCI	4370	Data Mining			
CSCI	4371	Machine Learning			
CSCI	4372	Data Clustering			
MIS	4329	Database Management Systems			
MIS	4366	E-Commerce & Advanced Web Site Development			
MIS	4370	Advanced Topics in Information Systems			
MIS	4380	Business Intelligence & Data Visualization			
MIS	4381	Data Mining & Applied Analytics			
MIS	3328	Systems Analysis and Design (UD UCA Core: C)			
MIS	4355	Project Management (UD UCA Core: Z)		3	
CSCI/MIS		CSCI/MIS Upper Division Division Elective		3	
Computer Science Minor (7 credit hours)					
CSCI		CSCI Upper Division Electives		6	
General Electives (5 credit hours)					
		General Electives		6	
				Total Hours: 120⁶	

¹ Please see your UA-PTC advisor for degree and graduation information.

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at UA-PTC, 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.

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

⁴ Students completing the AS in Liberal Arts and Sciences 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 BS in Information Systems degree program as a junior.

⁵ In order to receive important communications about transferring to UCA, students are encouraged to create a UCA student account at gopurple.uca.edu. For more information about the 2+2 program, students may also send email inquiries to ucatransfer@uca.edu.

⁶ This agreement requires 120 credit hours as follows: maximum 60 at UA-PTC and remaining 60 at UCA (40 of which must be upper-division).