2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
BS in Cybersecurity (Management of Cybersecurity)

UNIVERSITY OF CENTRAL ARKANSAS

Arkansas State UNIVERSITY MOUNTAIN HOME

Arkansas State University - Mountain Home[1]
Associate of Science in Liberal Arts and Sciences[2]

Possible Prerequisites			Semester	Hours	Grade
CPT	0053	Basic Math		N/C	
CPT	0103	College Writing		N/C	
CPT	0123	College Reading		N/C	
CPT	0243	Foundations of Reading and Writing		N/C	
MATH	0003	Beginning Algebra		N/C	
MATH	0103	Intermediate Algebra		N/C	

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)			UCA[3]	Semester	Hours	Grade
BUS	2563	Business Communications	MGMT 2301		3	
ENG	1003	Composition I	WRTG 1310		3	
ENG	1013	Composition II	WRTG 1320		3	

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MATH	1023	College Algebra	MATH 1390		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1004	Biological Science and Lab (or other ASLAS Life Science with Lab)	BIOL 1400		4	
PHYS	1204	Physical Science with Lab (or other ASLAS Physical Science with Lab)	PHYS 1400		4	

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
ART	2503	**Choose one:** Fine Arts - Visual	ART 2300		3	
MUS	2503	Fine Arts - Music	MUS 2300			
THEA	2503	Fine Arts - Theatre	THEA 2300			
ENG	2003	**Choose one:** World Literature to 1660	ENGL 2305		3	
ENG	2013	World Literature since 1660	ENGL 2306			

Social Sciences (9 credit hours)			UCA	Semester	Hours	Grade
POSC	1003	Introduction to International Relations	PSCI 2300		3	
POSC	2103	United States Government	PSCI 1330		3	
GEOG	2703	**Choose one:** World Geography	GEOG 1300		3	
PSY	2513	Introduction to Psychology	PSYC 1300			
SOC	2213	Principles of Sociology (or other ASLAS Social Science)	SOC 1300			

Cybersecurity Foundation (25 credit hours)

			UCA	Semester	Hours	Grade
CIS	1023	Programming Fundamentals/Logic	CSCI 1470		3	
CIS	1106	CICSO Networking I	CSCI 2335		6	
CIS	1206	CICSO Networking II	CSCI 4315		6	
CIS	1513	Object Oriented Programming	CSCI 1480		3	
CIS	2683	Computer Forensics	CSEC 3320		3	
CIS	2723	Cybersecurity Essentials	CSEC 2300		3	
		ASLAS Approved Elective			1	

Total Hours: 60[4]

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University of Central Arkansas
Bachelor of Science in Cybersecurity (Management of Cybersecurity)
UCA Courses (60 credit hours)[5]

Major Requirements (47 credit hours)			Semester	Hours	Grade
CSCI	2320	Data Structures		3	
CSCI	3330	Algorithms		3	
CSCI	3360	Database Systems (UD UCA Core: C)		3	
CSCI	4300	Operating Systems		3	
CSCI	4305	Linux/UNIX Systems		3	
CSCI	4321	Ethical Implications (UD UCA Core: D, R)		3	
CSEC	3300	Introduction to Number Theory and Cryptography		3	
CSEC	4490	Cybersecurity Capstone (UD UCA Core: Z)		4	
MATH	2311	**Choose one:** Elementary Statistics		3	
PSCI	2312	Statistical Methods for Political Analysis			
QMTH	2330	Business Statistics			
CSCI	2330	Discrete Mathematics for Computing		3	
MATH	1491	Applied Calculus for the Life Sciences		4	
MIS	4355	Project Management (UD UCA Core: Z)		3	
MIS	4361	Cybersecurity Governance and Policy		3	
PSCI	3316	Cybersecurity Law & Policy (UD UCA Core: C)		3	
		Upper-Division Core Requirement (UD UCA Core: I)		3	

Management of Cybersecurity Concentration (12 credit hours)			Semester	Hours	Grade
MIS	3321	Managing Systems and Technology		3	
MIS	3382	Internship in Management Information Systems		3	
MIS	4360	Principles of Information Security		3	
MIS	4380	Business Intelligence & Data Visualization		3	

Elective (1 credit hour)			Semester	Hours	Grade
		General Elective		1	

Total Hours: 120[6]

[1] See your ASUMH advisor for degree and graduation information.

[2] Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at ASUMH, 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, as shown above, will have satisfied the UCA Lower-Division Core and will be admitted to the BS in Cybersecurity (Management of Cybersecurity) 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 ASUMH and remaining 60 at UCA (40 of which must be upper-division).

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Arkansas State UNIVERSITY MOUNTAIN HOME

University of Central Arkansas

M. Emre Celebi

03/01/2021

Dr. M. Emre Celebi
Chairperson, Computer Science

Date

Arkansas State University-Mountain Home

Tamara Daniel

08/19/2021

Dr. Tamara Daniel
Provost/Vice Chancellor for Academic Affairs

Date