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

East Arkansas Community College[1]
Associate of Science in Liberal Arts and Sciences[2]

Possible Prerequisites			Semester	Hours	Grade
LAN	0966	Language Enhancement I		N/C	
LAN	0973	Language Enhancement II		N/C	
MTH	1073	Math Applications I		N/C	
MTH	1093	Math Applications II		N/C	

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)			UCA[3]	Semester	Hours	Grade
ENG	1013	English Composition I	WRTG 1310		3	
ENG	1023	English Composition II	WRTG 1320		3	
SPE	1003	Introduction to Oral Communications	COMM 1300		3	

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MTH	1113	College Algebra	MATH 1390		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIO	1014	General Biology	BIOL 1440		4	
		(or other ASLAS Life Science with Lab)				
PHS	1214	Physical Science with Lab	PHYS 1400		4	
		(or other ASLAS Physical Science with Lab)				

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
		Choose one:				
ART	1003	Art Appreciation	ART 2300		3	
MUS	1003	Music Appreciation	MUS 2300			
DRA	1003	Theatre Appreciation	THEA 2300			
		(or other ASLAS Fine Arts)				
		Choose one:				
ENG	2073	World Literature I	ENGL 2305		3	
ENG	2083	World Literature II	ENGL 2306			
		(or other ASLAS Humanities)				

Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
		Choose one:				
HIS	2033	United States History Before 1865	HIST 2301		3	
HIS	2043	United States History Since 1865	HIST 2302			
PSC	2003	American Government	PSCI 1330			
		Choose one:				
HIS	1013	Western Civilization I	HIST 1310		3	
HIS	1023	Western Civilization II	HIST 1320			
		(or other ASLAS Social Science)				

Social or Behavioral Science Elective (3 credit hours)			UCA	Semester	Hours	Grade
		Choose one:				
PSY	1003	General Psychology	PSYC 1300		3	
SOC	1013	Introduction to Sociology	SOC 1300			
		(or other ASLAS Social Science)				

Mathematics Foundation (25 credit hours)

			UCA	Semester	Hours	Grade
MTH	1123	College Trigonometry	MATH 1392		3	
MTH	2214	Calculus I	MATH 1496		4	
MTH	2224	Calculus II	MATH 1497		4	
		ASLAS Approved Elective			3	
		ASLAS Approved Elective			3	
		ASLAS Approved Elective			3	
		ASLAS Approved Elective			3	
		ASLAS Approved Elective			2	

Total Hours: 60[4]

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

			Semester	Hours	Grade
MATH	2335	Transition to Advanced Mathematics		3	
MATH	2471	Calculus III		4	
MATH	3320	Linear Algebra (UD UCA Core: I)		3	
MATH	3331	Ordinary Differential Equations I (UD UCA Core: C)		3	
MATH	3360	Introduction to Rings & Fields		3	
MATH	3362	Introduction to Group Theory		3	
MATH	4362	Advanced Calculus I (UD UCA Core: Z)		3	
MATH	4371	Introduction to Probability (UD UCA Core: R)		3	
		Math Major Elective (4000 Level - From Approved List - See Advisor)		3	
		Math Major Elective (4000 Level - From Approved List - See Advisor)		3	
		Upper Division Minor Field Course (UD UCA Core: D)		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Minor Field Course		3	
		Minor Field Course		3	
		General Elective		3	
		General Elective		2	

Total Hours: 120[6]

[1] Please see your EACC advisor for degree and graduation information.

[2] Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at EACC, 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 Mathematics (Pure Mathematics) 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 EACC and remaining 60 at UCA (40 of which must be upper-division).