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

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	Mathematical Applications I		N/C	
MTH	1093	Mathematical 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 Communication	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 *(or other ASLAS Life Science with Lab)*	BIOL 1440		4	
PHS	1214	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	1003	**Choose one:** Art Appreciation	ART 2300			
MUS	1003	Music Appreciation	MUS 2300		3	
DRA	1003	Theatre Appreciation *(or other ASLAS Fine Arts)*	THEA 2300			
ENG	2073	**Choose one:** World Literature I	ENGL 2305			
ENG	2083	World Literature II *(or other ASLAS Humanities)*	ENGL 2306		3	

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

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

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]

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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).