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

Arkansas State University – Beebe[1]
Associate of Science in Liberal Arts and Sciences[2]

Possible Prerequisites				Semester	Hours	Grade
UNIV	1003	Principles of Academic Success (required if registering for a remedial course)			(3)	
ENG	0013	Precollege Literacy			N/C	
ENG	0023	College Literacy (taken with ENG 1003 – Freshman English I)			N/C	
MATH	0013	Foundations of Algebra I			N/C	
MATH	0112	Review for College Algebra (taken with MATH 1023 – College Algebra)			N/C	

General Education Requirements (35 credit hours)

English/Communication (12 credit hours)			UCA[3]	Semester	Hours	Grade
ENG	1003	Freshman English I	WRTG 1310		3	
ENG	1013	Freshman English II	WRTG 1320		3	
SPCH	1203	Oral Communications	COMM 1300		3	
ENG	2003	World Literature I or	ENGL 2305		3	
ENG	2013	World Literature II	ENGL 2306			

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	Biology for General Education (*or other ASLAS Life Science with Lab*)	BIOL 1400		4	
PHSC	1204	Physical Science (*or other ASLAS Physical Science with Lab*)	PHYS 1400		4	

Fine Arts (3 credit hours)			UCA	Semester	Hours	Grade
ART	2503	Fine Arts – Visual or	ART 2300			
MUS	2503	Fine Arts – Musical or	MUS 2300		3	
THEA	2503	Fine Arts – Theatre or (*or other ASLAS Fine Arts*)	THEA 2300			

Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
HIST	2763	The United States to 1876 or	HIST 2301			
HIST	2773	The United States Since 1876 or	HIST 2302		3	
POSC	2103	Introduction to United States Government	PSCI 1330			
HIST	1013	World Civilization to 1660 or	HIST 1310		3	
HIST	1023	World Civilization since 1660	HIST 1320			

Social or Behavioral Science Elective (3 credit hours)			UCA	Semester	Hours	Grade
GEOG	2613	Introduction to Geography or	GEOG 1305			
GEOG	2603	World Regional Geography or	GEOG 1300			
SOC	2213	Principles of Sociology or	SOC 1300		3	
PSY	2013	Introduction to Psychology (*or other ASLAS Social Science*)	PSYC 1300			

Mathematics Foundation (25 credit hours)

			UCA	Semester	Hours	Grade
MATH	1033	Plane Trigonometry	MATH 1392		3	
MATH	2205	Calculus I	MATH 1496		5	
MATH	2215	Calculus II	MATH 1497		5	
		ASLAS Approved Elective			3	
		ASLAS Approved Elective			3	
		ASLAS Approved Elective			3	
		ASLAS Approved Elective			3	

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 Core: I)		3	
MATH	3331	Ordinary Differential Equations (UD Core: C)		3	
MATH	3360	Introduction to Rings and Fields		3	
MATH	3362	Introduction to Group Theory		3	
MATH	4362	Advanced Calculus I (UD Core: Z)		3	
MATH	4371	Introduction to Probability (UD Core: R)		3	
		Math Major Elective (4000 Level – from Approved List – See your Advisor)		3	
		Math Major Elective (4000 Level – from Approved List – See your Advisor)		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	
		Minor Field Course		3	
		Upper Division Core (UD Core: D)		3	
		General Elective		2	

Total Hours: 120[6]

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

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