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 III (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	0012	Review for College Algebra (taken with MATH 1023 – College Algebra)		N/C	
MATH	0013	Foundations of Algebra I		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	
		Choose one:				
ENG	2003	World Literature I	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	BIOL 1400		4	
PHSC	1204	Physical Science for General Education	PHYS 1400		4	

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

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

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

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]

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 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).