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

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[2]	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	BIOL 1400		4	
PHSC	1204	Physical Science	PHYS 1400		4	

Fine Arts (3 credit hours)			UCA	Semester	Hours	Grade
ART	2503	Fine Arts – Visual or	ART 2300		3	
MUS	2503	Fine Arts – Musical or	MUS 2300			
THEA	2503	Fine Arts – Theatre or	THEA 2300			
THEA	2513	Fine Arts – Film or				
HUM	2003	Introduction to Humanities I or				
HUM	2013	Introduction to Humanities II				

Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
HIST	2763	The United States to 1876 or	HIST 2301		3	
HIST	2773	The United States Since 1876 or	HIST 2302			
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		3	
GEOG	2603	World Regional Geography or	GEOG 1300			
SOC	2213	Principles of Sociology or	SOC 1300			
PSY	2013	Introduction to Psychology	PSYC 1300			

Mathematics Foundation Courses & Foreign Language Requirement (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	
SPAN	1013	Spanish I[3]	SPAN 1310		3	
SPAN	1023	Spanish II	SPAN 1320		3	
SPAN	2013	Spanish III	SPAN 2300		3	
		General Elective			3	

Total Hours: 60[4]

University of Central Arkansas
Bachelor of Arts in Mathematics (Pure Mathematics Track)
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		3	
MATH	3331	Ordinary Differential Equations		3	
MATH	3360	Introduction to Rings and Fields		3	
MATH	3362	Introduction to Group Theory		3	
MATH	4362	Advanced Calculus I		3	
MATH	4371	Introduction to Probability		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	
		Upper Division Minor Field Course		3	
		Minor Field Course		3	
		Minor Field Course		3	
		General Elective		3	
		General Elective		2	

Total Hours: 120[6]

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[1] See your ASU-Beebe advisor for degree and graduation information.

[2] UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.

[3] FREN 1013 (UCA: FREN 1310) - FREN 1023 (UCA: FREN 1320) - FREN 2013 (UCA: FREN 2310) sequence can also fulfill this requirement.

[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 requirements and will be admitted to the BA in Mathematics (Pure Mathematics) degree program as a junior.

[5] For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (http://uca.edu/ubulletin) and consult your UCA academic advisor.

[6] This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.