Childhood Education B.S.E. with STEM Concentration

Childhood Education B.S.E. with STEM Concentration
Eight-Semester Plan

Because this program requires admission to progress, it does not qualify for the university's Eight-Semester Degree Program; however, students who qualify to finish a degree in four years can follow the suggested order of classes below.

First Year	Units	
	Fall	Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)[1]	3	
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1)[1] or MATH 1313 Quantitative Reasoning (ACTS Equivalency = MATH 1113)	3	
Satisfies General Education Outcome 3.4:[1]		
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) or BIOL 1524 Biological Principles (ACTS Equivalency = BIOL 1004 Lecture)	4	
CIED 1013 Introduction to Education	3	
Choose one of the following:[1]	3	
COMM 1233 Media, Community and Citizenship (Satisfies General Education Outcome 3.2)		
PHIL 2003 Introduction to Philosophy (ACTS Equivalency = PHIL 1103) (Satisfies General Education Outcome 3.2)		
PHIL 2103 Introduction to Ethics (ACTS Equivalency = PHIL 1003) (Satisfies General Education Outcome 3.2)		
PHIL 2203 Logic (ACTS Equivalency = PHIL 1003) (Satisfies General Education Outcome 5.1)		
PHIL 3103 Ethics and the Professions (Satisfies General Education Outcome 5.1)		
PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103)		
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)[1]		3
HIST 2003 History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Satisfies General Education Outcomes 3.2, 3.3 and 4.2)[1] or HIST 2013 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123)		3
Satisfies General Education Outcome 4.1:[1]		
HIST 1113 Institutions and Ideas of World Civilizations I (ACTS Equivalency = HIST 1113) or HIST 1123 Institutions and Ideas of World Civilizations II (ACTS Equivalency = HIST 1123)		3
Satisfies General Education Outcome 3.4:[1]		
GEOS 1113 Physical Geology (ACTS Equivalency = GEOL 1114 Lecture) & GEOS 1111L Physical Geology Laboratory (ACTS Equivalency = GEOL 1114 Lab)		4
MATH 2213 Survey of Mathematical Structures I		3
Year Total:	16	16

Second Year	Units	
	Fall	Spring
Satisfies General Education Outcome 3.1:[1]		
ARHS 1003 Basic Course in the Arts: Art Lecture (ACTS Equivalency = ARTA 1003) or MLIT 1003 Experiencing Music (ACTS Equivalency = MUSC 1003) or THTR 1003 Theatre Appreciation (ACTS Equivalency = DRAM 1003)	3	
MATH 2223 Survey of Mathematical Structures II	3	
PLSC 2003 American National Government (ACTS Equivalency = PLSC 2003)	3	
GEOS 1123 Human Geography (ACTS Equivalency = GEOG 1113) or ANTH 1023 Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013)	3	
COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003) (Satisfies General Education Outcomes 1.2 and 5.1)[1] or COMM 2323 Interpersonal Communication	3	
Select one of the following:		3
HIST 3383 Arkansas and the Southwest		
Any 3-hour Arkansas History course		
PHYS 1034 Physics for Elementary Education Majors or GEOS 1133/1131L Earth Science (ACTS Equivalency = GEOL 1124 Lecture) or ASTR 2003/2001L Survey of the Universe (ACTS Equivalency = PHSC 1204 Lecture) or STEM 4104 Astronomy for Educators		4
CIED 1003 Introduction to Technology in Education		3
WLIT 1113 World Literature: Beginnings to 1650 CE (ACTS Equivalency = ENGL 2113) or WLIT 1123 World Literature: 1650CE to Present (ACTS Equivalency = ENGL 2123)		3
CIED 3013 Development and Learning Theories in the K-6 Classroom		3
Year Total:	15	16

Third Year	Units	
	Fall	Spring
CIED 2943 Foundations of Language and Literacy	3	
CIED 3113 Emergent Literacy	3	

	Fall	Spring
STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103)	3	
ENGL 2003 Advanced Composition	3	
Elective	3	
CIED 3453 Developmental Literacy		3
CIED 3123 Mathematics Methods in the K-6 Classroom		3
CIED 3023 Survey of Exceptionalities		3
Elective		3
ECON 3053 Economics for Elementary Teachers or ECON 2143 Basic Economics: Theory and Practice		3
Year Total:	15	15

Fourth Year	Units	
	Fall	Spring
STEM 3143 Teaching Science in the Elementary Grades	3	
CIED 4183 Instruction and Assessment of Writing	3	
STEM 4033 Introduction to STEM Education	3	
CIED 3133 Integrated Social Studies for the K-6 Classroom	3	
CIED 3053 The Emerging Adolescent	3	
CIED 4153 Classroom Management in the Elementary Grades		3
CIED 4533 Reading Comprehension Through Children's and Adolescent Literature (Satisfies General Education Outcome 6.1)[1]		3
CIED 4423 Teaching English as a Second Language		3
STEM 4043 Creativity and Innovation in STEM Education		3
Elective		3
Year Total:	15	15

Total Units in Sequence: **123**

[1] Students must complete the State Minimum Core requirements (https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.uark.edu%2Fundergraduatecatalog%2Fgened%2Fstateminimum%2F&data=02%7C01%7Cagriffin%40uark.edu%7Ce4e632415f9b49eda9bf08d7f5c20b91%7C79c742c4e61c4fa5be89a3cb566a80d1%7C0%7C0%7C637248086069611524&sdata=4bJ2Oob83N8KfTkGD%2F1XG8924jwOx8pTlw8lWNAGp0s%3D&reserved=0) as outlined in the Catalog of Studies. The courses that meet the state minimum core also fulfill many of the university's General Education requirements (https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.uark.edu%2Fundergraduatecatalog%2Fgened%2Fgeneraleducation%2F&data=02%7C01%7Cagriffin%40uark.edu%7Ce4e632415f9b49eda9bf08d7f5c20b91%7C79c742c4e61c4fa5be89a3cb566a80d1%7C0%7C0%7C637248086069621479&sdata=QptR3u0pvU0Z%2BDWRVEfAqIMsYNX4KXEgX2JdEJJY7Go%3D&reserved=0), although there are additional considerations to satisfy the general education learning outcomes. Students are encouraged to consult with their academic adviser when making course selections.