

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 10103 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1) ¹	3	
MATH 11003 College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1) ¹ or MATH 11103 Quantitative Reasoning (ACTS Equivalency = MATH 1113) Satisfies General Education Outcome 3.4: ¹	3	
BIOL 10103 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 10101 Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) or BIOL 10004 Biological Principles (ACTS Equivalency = BIOL 1004 Lecture)	4	
CIED 10103 Introduction to Education	3	
Choose one of the following: ¹	3	
COMM 12303 Media, Community and Citizenship (Satisfies General Education Outcome 3.2)		
PHIL 20003 Introduction to Philosophy (ACTS Equivalency = PHIL 1103) (Satisfies General Education Outcome 3.2)		
PHIL 21003 Introduction to Ethics (ACTS Equivalency = PHIL 1003) (Satisfies General Education Outcome 3.2)		
PHIL 22003 Logic (ACTS Equivalency = PHIL 1003) (Satisfies General Education Outcome 5.1)		
PHIL 31003 Ethics and the Professions (Satisfies General Education Outcome 5.1)		
PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)		
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1) ¹	3	

HIST 20003 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 20103 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) Satisfies General Education Outcome 4.1: ¹		3
HIST 11193 Institutions and Ideas of World Civilizations I (ACTS Equivalency = HIST 1113) or HIST 11293 Institutions and Ideas of World Civilizations II (ACTS Equivalency = HIST 1123) Satisfies General Education Outcome 3.4: ¹		3
GEOL 11103 Physical Geology (ACTS Equivalency = GEOL 1114 Lecture) & GEOL 11101 Physical Geology Laboratory (ACTS Equivalency = GEOL 1114 Lab)		4
MATH 22103 Survey of Mathematical Structures I		3
Year Total:	16	16

Second Year	Units	
	Fall	Spring
Satisfies General Education Outcome 3.1: ¹		
ARHS 10003 Basic Course in the Arts: Art Lecture (ACTS Equivalency = ARTA 1003) or MUSC 10003 Experiencing Music (ACTS Equivalency = MUSC 1003) or THTR 10003 Theatre Appreciation (ACTS Equivalency = DRAM 1003)	3	
MATH 22203 Survey of Mathematical Structures II		3
PLSC 20003 American National Government (ACTS Equivalency = PLSC 2003)		3
GEOG 11103 Human Geography (ACTS Equivalency = GEOG 1113) or ANTH 10203 Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013)		3
SPCH 10003 Public Speaking (ACTS Equivalency = SPCH 1003) (Satisfies General Education Outcomes 1.2 and 5.1) ¹ or COMM 23203 Interpersonal Communication	3	
Select one of the following:		3
HIST 33803 Arkansas and the Southwest Any 3-hour Arkansas History course		
PHYS 10304 Physics for Elementary Education Majors or GEOL 11203/11201 Earth Science (ACTS Equivalency = GEOL 1124 Lecture) or ASTR 20003/20001 Survey of the Universe (ACTS Equivalency = PHSC 1204 Lecture) or STEM 41004 Astronomy for Educators		4
CIED 10003 Introduction to Technology in Education		3
ENGL 11103 World Literature: Beginnings to 1650 CE (ACTS Equivalency = ENGL 2113) or ENGL 11203 World Literature: 1650CE to Present (ACTS Equivalency = ENGL 2123)		3
CIED 30103 Development and Learning Theories in the K-6 Classroom		3
Year Total:	15	16

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.

Third Year	Units	
	Fall	Spring
CIED 29403 Foundations of Language and Literacy	3	
CIED 31103 Emergent Literacy	3	
MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103)	3	
ENGL 20003 Advanced Composition	3	
Elective	3	
CIED 34503 Developmental Literacy		3
CIED 31203 Mathematics Methods in the K-6 Classroom		3
CIED 30203 Survey of Exceptionalities		3
Elective		3
ECON 30503 Economics for Elementary Teachers or ECON 21403 Basic Economics: Theory and Practice		3
Year Total:	15	15

Fourth Year	Units	
	Fall	Spring
STEM 31403 Teaching Science in the Elementary Grades	3	
CIED 41803 Instruction and Assessment of Writing	3	
STEM 40303 Introduction to STEM Education	3	
CIED 31303 Integrated Social Studies for the K-6 Classroom	3	
CIED 30503 The Emerging Adolescent	3	
CIED 41503 Classroom Management in the Elementary Grades		3
CIED 45303 Reading Comprehension Through Children's and Adolescent Literature (Satisfies General Education Outcome 6.1) ¹		3
CIED 44203 Teaching English as a Second Language		3
STEM 40403 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>),