

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 Choose one of the following: ¹	3	
COMM 12303 Media, Community and Citizenship (Satisfies General Education Outcome 3.2)		3
PHIL 20003 Introduction to Philosophy (Satisfies General Education Outcome 3.2)		3
PHIL 21003 Introduction to Ethics (ACTS Equivalency = PHIL 1003) (Satisfies General Education Outcome 3.2)		3
PHIL 22003 Logic (ACTS Equivalency = PHIL 1003) (Satisfies General Education Outcome 5.1)		3
PHIL 31003 Ethics and the Professions (Satisfies General Education Outcome 5.1)		3
PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)		3
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)	3	

Satisfies General Education Outcome 4.1: ¹		
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)		3
Satisfies General Education Outcome 3.4: ¹		
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		3
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

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>), 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.