

Life Science/Childhood Education (B.S.)

This program leads to certification to teach grades 1-6 in the public schools. Students entering the program will graduate after four years with a Bachelor of Science degree in Life Sciences/Childhood Education. Please see the [Childhood Education \(B.S.\)](#) program page in the catalog for a complete overview of the Academic Standards required for this academic program.

Program: Education

Type: Bachelor's

Core Requirements

Item #	Title	Credits
BIO 101	General Biology I	
BIO 101L	General Biology I - Lab	
BIO 102	General Biology II	
BIO 102L	General Biology II Lab	
	BIO 110 or BIO 326	3-4
	BIO 207 or BIO 220	3-4
BIO 359	Explorations in Research Methods	
BIO 401	Senior Independent (Research)	
BIO 450	Seminar in Biology	
	BIO Elective	3-4

Support Courses

Item #	Title	Credits
SCI 104	Earth Science and Astronomy	
CHM 103	Introduction to General Chemistry	
CHM 104	Introduction to Organic & Biochemistry	
MAT 220	Applied Statistics	

Education Core

Item #	Title	Credits
EDU 201	Education and Society	
EDU 206	Educational Psychology	
EDU 252	Learning, Language and Literacy	
EDU 306	Inclusive Teaching Strategies	
EDU 314	Social Studies Methods	
EDU 323	Teaching Math, Science & Technology	
EDU 337	Classroom Management	
EDU 352	Advanced Learning, Language & Literacy	
EDU 401	Childhood Student Teaching (Grades 1-3)	
EDU 402	Childhood Student Teaching (Grades 4-6)	

Support Courses

- A Studio ART/DAN/MUS course may be taken in place of VPA 111.

Item #	Title	Credits
	HST 105 or HST 106	3
MAT 111	Math for Teaching and Learning I	
MAT 121	Math For Teaching & Learning II	
PSY 101	Introduction to Psychology	
	PSY 202 or PSY 208	3-4
	Cross-Cultural History Elective	3
	Language Elective	3
VPA 111	Introduction to Visual and Performing Arts	

Workshops

Item #	Title	Credits
NCR 070	Reporting and Identifying Child Abuse and Maltreatment	
NCR 071	School Violence Prevention	
NCR 317	Health Education Standards WS	

Academic Standards for Students in Programs with Childhood Education

- To enter or remain a program with childhood education a student must maintain an overall cumulative grade point average of 3.000.
- Students must achieve and maintain a cumulative average of 3.000 in all Childhood Education major course requirements prior to entry into the methods courses (300-level EDU courses).
- To be eligible for student teaching, a student must have achieved a 3.000 cumulative average in teacher education coursework.
- Students must earn a grade of "C" or better in all courses required for the Childhood Education program (including EDU and Liberal Arts courses).
- Students must maintain a 3.000 cumulative average in their liberal arts major.
- All students in education are required to subscribe to a designated electronic portfolio system.

Total credits: 102-106