

Early Childhood Inclusive Education and Biology Dual Major

Course Requirements beginning Fall 2025

All courses earn 1 unit toward the 30 units needed for graduation, unless noted.

Biology

Bachelor of Arts (BA) Degree		
Biology Core	Biology Options	Biology Correlates
BIO 099 Orientation to Biology (0 course units)	BIO 300-400 Biology Option	CHE 201 General Chemistry I
BIO 201 Foundations of Biological Inquiry	BIO 300-400 Biology Option	CHE 202 General Chemistry II
BIO 211 Cell Biology and Biochemistry	BIO 300-400 Biology Option	MAT 127 Calculus A
BIO 221 Ecology & Field Biology	BIO 300-400 Organisms & Evolution Option	
BIO 231 Genetics		
BIO 498 Biology Seminar		

Education

Pre-Candidacy		
SED 099 College Seminar (0 course units)	ELE 203 Foundations of Inclusive Education	SLP 102: Speech and Language Development
ECE/ELE 102: Multicultural Children's Literature	MAT 105: Structures & Algorithms for Education	RAL 220: Methods of Teaching Literacy I: Foundational Skills in Reading & Writing (half day field experience)
ECE 202: Theories and Philosophies of Early Childhood Education	SPE 214: Building and Sustaining Inclusive Classroom Communities	RAL 320: Methods of Teaching Literacy II: Comprehension and Composition
ELE 113: Incorporating Art and Play in P-6 Classrooms	SPE 322: Assessment, Planning, and Methods for Inclusive Practices (full-day joint field experience)	MTT 202: Teaching Mathematics in the Early Childhood and Elementary Classroom (full-day joint field experience)
ELE 201: Child and Adolescent Development		

Candidacy	
Clinical I	Clinical II
Note: the three courses listed below are taken together, fall of senior year. One other course may be taken.	Note: the two courses listed below are taken together, spring of senior year. No other courses may be taken.
ECE/ELE 301: Clinical I (two days per week plus two weeks full-time)	ECE/ELE 490: Clinical II (2 units)
MST 202: Methods of Teaching Health, Science and Technology	ELE 498: Inquiry into Learning
SOM 203: Teaching Social Studies from a Multicultural Perspective	

College Core

Second Language Proficiency		
Second Language 2nd Level: demonstrate proficiency in a second language at the 2nd level based on placement. If placed out of the 101 level, must complete courses at the 102 and 103 levels, if language previously studied is continued. If placed into the 101 level, must complete courses at the 101 and 102 levels.		
Intellectual & Scholarly Growth	Social Justice	Multidisciplinary Perspectives
Information Literacy Proficiency (IDS 102, 0 course units)	First-Year Community Engagement (FYC 100, 0 course units)	Literary, Visual, or Performing Arts (one course, or 1 unit of music ensemble), fulfilled by ECE/ELE 102: Multicultural Children's Literature
First-Year Seminar (FYS)	Gender & Sexuality (one course)	Belief Systems (one course)
Mid-Level Writing-Intensive Course (fulfilled by BIO 221 Ecology & Field Biology)	Global Perspectives (one course)	Behavioral, Social or Cultural Perspectives (one course), fulfilled by ELE 201: Child and Adolescent Development
Writing-Intensive Senior Capstone or Third-Level Course (fulfilled by BIO 498 Biology Seminar)	Race & Ethnicity (one course), fulfilled by ELE 203 Foundations of Inclusive Education	Historical Perspectives (one course), fulfilled by HIS 198: Teaching American History or an approved US History course
		Behavioral, Social, or Cultural Perspectives (one course), fulfilled by SPE 322: Assessment, Planning, and Methods for Inclusive Practices