

238 Department of Science and Mathematics

**BACHELOR OF ARTS IN EDUCATION
BIOLOGICAL SCIENCE (9-ADULT)**

Candidates may wish to combine this specialization with another (5-9), (9-Adult), (5-Adult) or (PreK-Adult) specialization.

General Education Requirements 43 hours

Candidates must take BIOL 101, CHEM 101 and MATH 102 as part of the General Education requirements.

Content Specialization Courses 52 hours

Total Hours in Biology 36 hours

BIOL 101	General Biology I	
BIOL 102	Introduction to Cellular Biology	4
BIOL 205	Invertebrate Zoology	4
BIOL 206	Vertebrate Zoology	4
BIOL 293	Techniques of Science	2
BIOL 305	General Botany	4
BIOL 335	Cell Physiology	4
BIOL 362	Plant Physiology	4
BIOL 400	Ecology and Field Biology	4
BIOL 456	Genetics	4
BIOL 493	Senior Seminar	2

Total Hours in Chemistry 4 hours

CHEM 101	General Chemistry I	
CHEM 102	General Chemistry II	4

Total Hours in Mathematics 4 hours

MATH 102	College Algebra	
MATH 120	Precalculus	4

Total Hours in Physics 8 hours

PHYS 201	General Physics I	4
PHYS 209	General Geology	4

Professional Education 23 hours

Must complete a Methods course for each specialization in which candidate seeks to gain licensure.

CSCI 267	Computer Skills for Education	2
EDUC 203	Foundations of Education	2
EDUC 205	Educational Psychology*	3
EDUC 310	Classroom Management and Teaching Strategies	2
EDUC 345	Teaching Science in Middle and Adolescent Education (5-Adult)	3
EDUC 412	Curriculum and Assessment: Content (5-Adult)	2
READ 317	Teaching Reading in Middle and Adolescent Education	3
SPED 220	Educating the Student with Exceptional and Cultural Diversities	3
SPED 334	Strategies for Students with Learning Disabilities and Behavior Disorders	3

Student Internship 12 hours

EDUC 493	Capstone Assessment	1
EDUC	Student Internship	11

Total minimum hours required for degree 130 hours

Education 203 and Education 205 are the only Professional Education courses which can be attempted without being admitted to a Program in Teacher Education.

*Before enrolling in Education 205, a student must have attempted PRAXIS I or be exempt from this requirement due to ACT or SAT score.

GATEWAY ASSESSMENT - ADMISSION TO TEACHER EDUCATION

CAPSTONE ASSESSMENT - EDUCATION 493