

Bachelor of Science in
Secondary Education
Concentration in Biology
2026-2027 Academic Bulletin



First Year

1st Semester (16 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
ENGL A101	Composition	3	ENGL A102	Composition and Literature	3
MATH A108	College Algebra	3	SCHOOL REQ.	Math/Stats/Logic elective (STAT A201 recommended)	3
HIST A101/A102	Gen. Ed. Global Cultures	3	GEN ED	Social or Behavioral Science (PSYC A101 recommended)	3
BIOL A121	Biological Science I	4	BIOL A122	Biological Science II w/lab	4
GEN ED	Humanities	3	GEN ED	Humanities	3

Second Year

1st Semester (17 hrs)			2nd Semester (17 hrs)		
Course	Title	hrs	Course	Title	hrs
EDPY A334	Adolescent Development	3	EDUC A245	Technology Integration	3
MATH A122	Survey of Calculus	3	EDSE A312	Teaching Diverse Populations	3
HIST A201/A202 or POLI A201	Gen. Ed. American Political Institutions	3	EDFN A321	Dynamics Amer Public Educ.	3
PHYS A201	General Physics I (Fall Only)	4	CHEM A111	General Chemistry I	4
BIOL A320	Principles of Botany	4	BIOL A370	Ecology	4

Third Year

1st Semester (13 hrs)			2nd Semester (18 hrs)		
Course	Title	hrs	Course	Title	hrs
SCHOOL REQ.	Foreign Language or Humanities	3	EDRD A518	Content Area Read/Writing	3
COMM A201/A241	Gen. Ed. Oral Communication	3	EDSE A446	Class Management/Assessment	4
EDRD A318	Foundations in Reading	3	BIOL A316	Vertebrate Zoology (Spring Only)	4
CHEM A112	General Chemistry II	4	BIOL A350	Fundamental Genetics	3
			BIOL A498	Research, Design, and Analysis	4

Fourth Year

1st Semester (15 hrs)			2nd Semester (15 hrs)		
Course	Title	hrs	Course	Title	hrs
EDSE A453	Teaching Science in MS and HS	4	EDSE A471	Internship	12
SCHOOL REQ.	Social or Behavioral Science	3	EDSE A476	Senior Seminar	3
CHEM A331/A331L	Organic Chemistry I and Lab	4			
BIOL A325/A360	Plant Physiology or Animal Physiology	4			