

Bachelor of Science in Secondary Education: Biology -- 128 - 129 Credits

JSCED-BS
Effective August 2025

FOUNDATIONAL STUDIES REQUIREMENTS (RG 8003)

Foundational Courses (RQ 3941)		CR	Satisfied/Term
Engcmp 0005	Composition 1	3	
Engcmp 0006	Composition 2	3	
CommRc 0052	Public Speaking	3	
Requirement Satisfied		9	

Educational Studies Courses (RQ 3943)		Cr	Satisfied/Term
EdPsy 0006	Intro Educational Psy	3	
EdPsy 1021	Special Needs Students	3	
EdPsy 1025	Inclusion Strategies	3	
EdPsy 1121	Educ Assment Incl Class	3	
FdsEd 0001	Hist/Phil of Education	3	
FdsEd 0002	Intro to Education	1	
FdsEd 1026	Eng Lang Learners (GH&C)	3	
FdsEd 1171	Educational Law (FOLLOWUP)	3	
Requirement Satisfied		22	

Humanities and Social Sciences (RQ 3969)		CR	Satisfied/Term
Englit	Any Englit (A&CE)	3	
	Any Huma WOK, not Englit (A&CE)	3	
GEO 0200	Earth and People (GH&C)	3	
Hist 0610	US to 1877 (S&C) or HIST 0620 US 1877 to Present	3	
Requirement Satisfied		12	

Natural Sciences (RQ 3970)		CR	Satisfied/Term
Math 0221	Analytic Geom and Calc I (S&N)	4	
Math 0004	Pre-Calc, Functions, Trig or Math 0231 Analytic Geom and Calc II (S&N) or Biol 1155 Statistical Methods in Biol	4	
Natsc 0080	Integrated Sciences	3	
Psy 0200	Intro to Psychology (S&N)	3	
Psy 0260	Adolescent Develop (S&C)	3	
Requirement Satisfied		17	

MAJOR REQUIREMENTS (RG 8004)

Required Biology (RQ 3981)		Cr	Satisfied/Term
Biol 0110	General Biology I	3	
Biol 0111	General Biology I Lab	1	
Biol 0120	General Biology 2	3	
Biol 0121	General Biology 2 Lab	1	
Biol 0352	Genetics	3	
Biol 0340	General Ecology	3	
Biol 0341	General Ecology Lab	1	
Biol	Upper-Level Biology with Lab	4	
Biol	Upper-Level Biology with Lab	4	
Requirement Satisfied		23	

(RQ 3580)

Required Science and Mathematics Courses		Cr	Satisfied/Term
Chem 0111	General Chemistry I	3	
Chem 0112	General Chemistry 2	3	
Chem 0113	General Chem I Lab	1	
Chem 0114	General Chem 2 Lab	1	
Chem 0230	Fund of Organ Chem	4	
Chem 0235	Fund of Org Chem Lab	1	
Requirement Satisfied		13	

Upper-Level (RQ 3971)		Cr	Satisfied/Term
IT 1101	Instructional Technology 21st Century	2	
Sced 1164	Science Methods 1	3	
Sced 1165	Science Methods 2	3	
Sced 1166	Sci Pre-Stud Teach Pract	1	
Sced 1170	Literacy in the Content Areas	3	
Sced 1191	Student Teaching	14	
Fdsed 1199	Student Teaching Seminar	2	
Requirement Satisfied		28	

Req Molecular Biology Elective (RQ 1363)		Cr	Satisfied/Term
Select one of the following:			
Biol 0360/361	Cell Biol & Lab	4	
OR Biol 1137	Molecular Genetics	3	
Requirement Satisfied		3 - 4	

IMPORTANT INFORMATION:

This sheet is an unofficial representation of the major requirements and the information is subject to change. It is not an official record of academic progress and should not be treated as such. Official degree information can only be obtained through the Division Office or the Office of the Registrar.

General Graduation Requirements (RQ 3994)	
Minimum Cumulative QPA	3.00
Minimum Core QPA	2.60

Check division Handbook for detailed program requirements.

Updated 04/01/2026