

SCIENCE WITH BIOLOGY- 4TH TO 12TH GRADE (BI/SED) MAJOR*

The Secondary Education major prepares students to teach in grades 4 through 12.

***This program is suspended and is not currently accepting new students.**

Requirements

Code	Title	Credits
BIOLOGY		
Beginning Requirements		
SC-120 & 120L	Foundations of Biology and Foundations of Biology Lab	4
BI-223 or BI-221 & 221L or BI-222 & 222L	Biology of Plants and Biology of Plants Lab Biology of Animals and Biology of Animals Lab	4
MT-123 or MT-148 or MT-152	College Algebra Functions & Modeling Calculus 1	3-4
MT-124	Trigonometry	2
Intermediate Requirements		
BI-251 & 251L	Microbiology and Microbiology Lab	4
BI-233 & 233L	Human Anatomy & Physiology 1 and Human Anatomy & Physiology 1 Lab	4
BI-325 & 325L	Cellular Biology and Cellular Biology Lab	4
BI-341	Ecology	4
BI-361	Genetics Lecture	3
BI-399 or ED-399	Formal Introduction to Advanced Work Formal Introduction to Advanced Work	0
MT-256	Probability and Statistics	4
PH-231 & 231L or PH-241 & 241L	Algebra-Based Physics I and Physics Lab Calculus-Based Physics 1 and Physics Lab	4
PH-232 & 232L	Algebra-Based Physics 2 and Physics 2 Lab (or PH-242 & PH-242L)	4
CH-213 & 213L	Chemistry of Bioorganic Molecules and Chemistry of Bioorganic Molecules Lab	4
Advanced Requirements		
BI Elective	Biology (BI) Electives, except BI 231 and BI-341	7
Total Credits		55-56

Code	Title	Credits
SECONDARY EDUCATION		
Beginning Requirements		
ED-116	Relational Competence Workshop	3

ED-201S	Exploration Teaching, Learning and Assessing-Secondary Education	4
PSY-110 or SW-250 or MONT-151	Life Span Development Human Behavior in Social Environment Montessori Theory	4
Intermediate Requirements		
ED-220	Interview Assessment	0
ED-277	Tchg Science/Middle-Secondary Schl	4
ED-321	Middle School Teaching & Field	4
ED-396	Introduction to Exceptional Learner	4
ED-399	Formal Introduction to Advanced Work	0
Advanced Requirements		
ED-315S	Immersion in Teaching, Learning, and Assessing-Secondary Ed	4
PST 329	Praxis II Completed	
PST 400	Praxis II Completed	
ED-420	Advancement to Student Teaching Performance Assessment	0
ED-468	Student Teaching Placement	18
ED-475	Student Teaching Seminar	0
Total Credits		45