College of the Environment, Forestry, and Natural Sciences

Secondary Education - Biology Bachelor of Science in Education

2019-2020 Undergraduate Catalog

Progression Plan-Classic

Sample Progression Plans are for planning purposes only; see the catalog for official details.

Year 1 - Fall	
BIO 181 Unity Of Life I: Life Of The Cell	3
BIO 181L Unity Of Life I Laboratory	1
CHM 151 General Chemistry I	4
CHM 151L General Chemistry I Lab	1
MAT 125 or MAT 136	4
TSM 101 Step 1: Inquiry Approaches To Teaching	1
Initiate the Professional Education Program application.	

Year 1 - Spring	
BIO 182 Unity Of Life II: Lives Of Multicellular Organisms	3
BIO 182L Unity Of Life II Laboratory	1
CHM 152 General Chemistry II	3
CHM 152L General Chemistry II Lab	1
Foundation English	4
TSM 102 Step 2: Inquiry-Based Lesson Design	1
Liberal Studies and/or Diversity	3

Year 2 - Fall	
BIO 240 Genetics And Evolution	3
PHY 111 General Physics I	4
TSM 303 Knowing And Learning In Science	3
CHM 230 Fundamental Organic Chemistry	3
CHM 230L Fundamental Organic Chemistry Lab	1
STA 270 Applied Statistics	3

Year 2 - Spring	
BIO 344 Cellular And Molecular Biology	3
TSM 350 Classroom Interactions	3
BIO 226 Ecology	3
BIO 226L Ecology Lab	1
BIO 305W Writing In Biology	1
BIO 244 Fundamental Evolutionary Biology	3
Complete Professional Education Program admission requirements.	

Year 3 - Fall	
BIO 201 or BIO 325	3
BIO 201L or BIO 325L	1
TSM 360 Perspectives On Science	3
TSM 404 Research Methods	3
ESE 330 Principles and Strategies for Teaching Adolescents with Exceptionalities	3
Liberal Studies and/or Diversity	3

Year 3 - Spring	
BIO 435C Advanced Evolutionary Theory	3
Botany Elective	3
GLG 101 Physical Geology	3
GLG 103 Physical Geology Lab	1
BME 437 Structured English Immersion Methods For Secondary School	3
Liberal Studies and/or Diversity	3
Attempt AEPA Biology Subject Knowledge Test. Submit Student Teaching application.	

Year 4 - Fall	
Secondary Education - Biology major elective	3
Secondary Education - Biology major elective	3
TSM 450 Project-Based Instruction	3
Secondary Education - Biology major elective	3
Liberal Studies and/or Diversity	3

Year 4 - Spring	
TSM 495C Apprentice Teaching	12
TSM 496 Apprentice Teaching Seminar	1