

College of the Environment, Forestry, and Natural Sciences  
 Secondary Education - General Science Bachelor of Science in Education  
 2022-2023 Undergraduate Catalog

**Progression Plan-Classic**

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

Year 1 - Fall	
PHS 101 Physical Science In Everyday Life	4
CHM 151 General Chemistry I	4
CHM 151L General Chemistry I Lab	1
TSM 101 Step 1: Supervised Practicum Through Inquiry Approaches to Teaching	2
Foundation Math: MAT 125	4
PHY 103 First-Year Seminar	1
<b>Initiate the Professional Education Program application.</b>	

Year 1 - Spring	
PHY 111 General Physics I	4
CHM 152 General Chemistry II	3
CHM 152L General Chemistry II Lab	1
Foundation English	4
Liberal Studies and/or Diversity	3

Year 2 - Fall	
PHY 112 General Physics II	4
BIO 181 Unity Of Life I: Life Of The Cell	3
BIO 181L Unity Of Life I Laboratory	1
TSM 201 Step 2: Supervised Practicum Through Inquiry-Based Lesson Design	3
Liberal Studies and/or Diversity	3

Year 2 - Spring	
BIO 182 Unity Of Life II: Lives Of Multicellular Organisms	3
BIO 182L Unity Of Life II Laboratory	1
AST 180 or AST 183	3
AST 181L or AST 184L	1
TSM 303W Knowing and Learning In Science and Science Teaching	3
Liberal Studies and/or Diversity	3
General Elective Course	3
<b>Complete Professional Education Program admission requirements.</b>	

Year 3 - Fall	
BIO 226 Ecology	3
BIO 226L Ecology Lab	1
GLG 101 Physical Geology	3
GLG 103L Physical Geology Lab	1
TSM 350 Classroom Interactions	3
TSM 360 Perspectives On Science	3

Year 3 - Spring	
PHY 264 Electronics For Science Students	3
BIO 240 Genetics And Evolution	3
BIO 365W Writing In The Biological Sciences	3
ESE 330 Principles and Strategies for Teaching Adolescents with Exceptionalities	3
Liberal Studies and/or Diversity	3
<b>Attempt AEPA General Science Subject Knowledge Test. Submit Student Teaching application.</b>	

Year 4 - Fall	
GSP 365 Fundamentals Of Weather And Climate	4
BME 437 Structured English Immersion Methods For Secondary School	3
TSM 450 Project-Based Instruction	3
General Elective Course	3
General Elective Course	3

Year 4 - Spring	
TSM 495C Supervised Student Teaching Experience: Secondary Math Or Science	12
TSM 496 Supervised Student Teaching Experience: Secondary Mathematics Or Science Seminar	1