

College of the Environment, Forestry, and Natural Sciences
 Secondary Education - Earth 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	
Introductory Geology Lecture Course	3
Introductory Geology Lab	1
MAT 125 or MAT 136	4
CHM 130 or CHM 151	4
CHM 151L General Chemistry I Lab	1
TSM 101 Step 1: Supervised Practicum Through Inquiry Approaches to Teaching	2
General Elective Course	1
Initiate the Professional Education Program application.	

Year 1 - Spring	
GLG 102 Historical Geology	3
GLG 104L Historical Geology Lab	1
ENV 115 Climate Change	3
Foundation English	4
Liberal Studies and/or Diversity	3

Year 2 - Fall	
GLG 240 Introduction To Field Methods And Report Writing	3
GLG 259 Principles Of Geomorphology	3
GLG 259L Principles Of Geomorphology Laboratory	1
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

Year 2 - Spring	
GLG 190 The Planets	3
GLG 190L The Planets Lab	1
ESE 330 Principles and Strategies for Teaching Adolescents with Exceptionalities	3
TSM 303W Knowing And Learning In Science and Science Teaching	3
BIO 182 Unity Of Life II: Lives Of Multicellular Organisms	3
BIO 182L Unity Of Life II Laboratory	1
Liberal Studies and/or Diversity	3
Complete Professional Education Program admission requirements.	

Year 3 - Fall	
GLG 309 Earth Materials	4
GLG 107 Oceanography	3
GLG 225 Paleontology	4
TSM 360 Perspectives On Science	3
TSM 350 Classroom Interactions	3

Year 3 - Spring	
GLG 350W Geologic Communication And Topics	3
GLG 304 Geology Of Arizona	4
PHY 111 General Physics I	4
Liberal Studies and/or Diversity	3
Attempt AEPA Subject Knowledge Test. Submit Student Teaching application.	

Year 4 - Fall	
GLG 445C Earth Science Capstone	1
TSM 450 Project-Based Instruction	3
BME 437 Structured English Immersion Methods For Secondary School	3
GLG 360 Applied Geology	4
Liberal Studies and/or Diversity	3
General Elective Course	1

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