College of the Environment, Forestry, and Natural Sciences

Secondary Education - Earth Science 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	
Introductory Geology 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: Inquiry Approaches To Teaching	1
General Elective Course	1
Initiate the Professional Education Program application.	

Year 1 - Spring	
GLG 102 Historical Geology	3
GLG 104 Historical Geology Lab	1
GLG 115 Climate Change	3
Liberal Studies and/or Diversity	3
Foundation English	4
TSM 102 Step 2: Inquiry-Based Lesson Design	1

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 303 Knowing And Learning In Science	3
General Elective Course	1

Year 2 - Spring	
GLG 304 Geology Of Arizona	4
Liberal Studies and/or Diversity	3
ESE 330 Principles and Strategies for Teaching Adolescents with Exceptionalities	3
TSM 350 Classroom Interactions	3
BIO 182 Unity Of Life II: Lives Of Multicellular Organisms	3
BIO 182L Unity Of Life II Laboratory	1
Complete Professional Education Program admission requirements.	

Year 3 - Fall	
GLG 309 Earth Materials	4
PHY 111 General Physics I	4
GLG 225 Paleontology	4
TSM 360 Perspectives On Science	3

Year 3 - Spring	
GLG 350W Geologic Communication And Topics	3
Liberal Studies and/or Diversity	3
TSM 404 Research Methods	3
Liberal Studies and/or Diversity	3
GLG 190 The Planets	3
GLG 190L The Planets Lab	1
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
GLG 107 Oceanography	3

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