

College of the Environment, Forestry, and Natural Sciences  
 Secondary Education - Mathematics Bachelor of Science in Education

2021-2022 Undergraduate Catalog

Progression Plan-Classic

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

Year 1 - Fall	
MAT 136 Calculus I	4
MAT 123 First Year Seminar	1
TSM 101 Step 1: Inquiry Approaches To Teaching	1
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3
General Elective Course	3
<b>Initiate the Professional Education Program application.</b>	

Year 1 - Spring	
MAT 137 Calculus II	4
MAT 226 Discrete Mathematics	3
Foundation English	4
CS 122 Programming For Engineering And Science	2
CS 122L Programming For Engineering And Science Lab	1
TSM 102 Step 2: Inquiry-Based Lesson Design	1

Year 2 - Fall	
MAT 285 Functions, Algebra, and Applications	3
TSM 301W Knowing And Learning Mathematics	3
Secondary Education - Mathematics Major Elective	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 2 - Spring	
MAT 320 Foundations Of Mathematics	3
STA 275 Statistical Analysis	3
TSM 350 Classroom Interactions	3
Liberal Studies and/or Diversity	3
General Elective Course	4
<b>Complete Professional Education Program admission requirements.</b>	

Year 3 - Fall	
MAT 401 Methods Of Teaching Secondary School Mathematics I	3
Secondary Education - Mathematics Major Elective	3
POS 220 Federal And Arizona Constitution	3
ESE 330 Principles and Strategies for Teaching Adolescents with Exceptionalities	3
General Elective Course	3

Year 3 - Spring	
MAT 402 Methods Of Teaching Secondary School Mathematics II	3
MAT 318 Elementary Number Theory	3
MAT 442 History And Philosophy Of Mathematics	3
MAT 365 Modern Geometry	3
TSM 404 Research Methods	3
<b>Attempt AEPA Mathematics Subject Knowledge Test. Submit Student Teaching application.</b>	

Year 4 - Fall	
MAT 411 or MAT 431	3
TSM 450 Project-Based Instruction	3
BME 437 Structured English Immersion Methods For Secondary School	3
General Elective Course	3
General Elective Course	4

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