NAU NORTHERN ARIZONA UNIVERSITY

College of Engineering, Forestry, and Natural Sciences

Secondary Education - Mathematics Bachelor of Science in Education

2017-2018 Undergraduate Catalog

Progression Plan-Classic

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

Year 1 - Spring	
MAT 137 Calculus II	4
MAT 226 Discrete Mathematics	3
Foundation English	4
CS 122 Programming For Eng & Sci	2
CS 122L Prog For Egr & Sci Lab	1
TSM 102 Step 2	1

Year 2 - Fall	
MAT 285 Functions, Applications & Explorations	3
TSM 301 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
Complete Professional Education Program admission requirements.	

Year 3 - Fall	
MAT 401 Mthds Tchg Sec Sch Math I	3
Secondary Education - Mathematics major elective	3
POS 220 Fed & AZ Constitution	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 3 - Spring	
MAT 402 Mthds Tchg Sec Sch Math Ii	3
MAT 318 Elementary Number Theory	3
MAT 442 History & Philosophy Of Math	3
MAT 365 Modern Geometry	3
TSM 404 Research Methods	3
Attempt AEPA Mathematics Subject Knowledge Test. Submit Student Teaching application.	

Year 4 - Fall	
MAT 411 or MAT 431	3
TSM 450 Project-Based Instruction	3
BME 437 SEI Methods 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