

College of Engineering, Forestry, and Natural Sciences
 Secondary Education - Chemistry Bachelor of Science in Education
 2017-2018 Undergraduate Catalog

Progression Plan-Classic

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

Year 1 - Fall	
CHM 151 General Chemistry I	4
CHM 151L General Chemistry I Lab	1
TSM 101 Step 1	1
Foundation English	4
General Elective Course	4
Initiate the Professional Education Program application.	

Year 1 - Spring	
CHM 152 General Chemistry II	3
CHM 152L General Chemistry II Lab	1
MAT 136 Calculus I	4
BIO 181 Unity Of Life I: Cell Life	3
BIO 181L Unity Of Life I Lab	1
TSM 102 Step 2	1
Liberal Studies and/or Diversity	3

Year 2 - Fall	
CHM 235 General Organic Chemistry I	4
CHM 235L Gen Organic Chemistry I Lab	1
MAT 137 Calculus II	4
PHY 161 University Physics I	4
TSM 303 Knowing And Learning In Science	3

Year 2 - Spring	
CHM 238 General Organic Chemistry II	3
CHM 238L Gen Organic Chemistry II Lab	1
PHY 262 University Physics II	3
TSM 350 Classroom Interactions	3
POS 220 Fed & AZ Constitution	3
Liberal Studies and/or Diversity	3
Complete Professional Education Program admission requirements.	

Year 3 - Fall	
CHM 341 Physical Chemistry I	3
CHM 350, CHM 360 or CHM 440	3
CHM 300W, ENG 302W or ENG 305W	3
TSM 360 Perspectives On Science	3
Liberal Studies and/or Diversity	3

Year 3 - Spring	
CHM 320 Analytical Chemistry	3
CHM 320L Analytical Chemistry Lab	1
CHM 350, CHM 360 or CHM 440	3
TSM 404 Research Methods	3
Liberal Studies and/or Diversity	3
General Elective Course	3
Attempt AEPA Chemistry Subject Knowledge Test. Submit Student Teaching application.	

Year 4 - Fall	
GLG 101 Physical Geology	3
GLG 103 Physical Geology Lab	1
BME 437 Sei Methods Secondary School	3
TSM 450 Project-Based Instruction	3
General Elective Course	4

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