

College of Engineering, Informatics, and Applied Sciences
 Secondary Education - Physics 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	
PHY 171 or PHY 161	5
MAT 136 Calculus I	4
TSM 101 Step 1: Inquiry Approaches To Teaching	1
Foundation English	4
PHY 103 First-Year Seminar	1
Initiate the Professional Education Program application.	

Year 1 - Spring	
PHY 172 or PHY 262	5
PHY 262L University Physics II Lab	1
MAT 137 Calculus II	4
TSM 102 Step 2: Inquiry-Based Lesson Design	1
AST 183 Life In The Universe	3
AST 184L Life In The Universe Laboratory	1

Year 2 - Fall	
PHY 263 University Physics III	3
MAT 238 Calculus III	4
TSM 303 Knowing And Learning In Science	3
Liberal Studies and/or Diversity	3

Year 2 - Spring	
PHY 264 Electronics For Science Students	3
PHY 265 Introduction To Computational Physics	3
MAT 239 Differential Equations	3
TSM 350 Classroom Interactions	3
Liberal Studies and/or Diversity	3
General Elective Course	1
Complete Professional Education Program admission requirements.	

Year 3 - Fall	
PHY 321 Mechanics I	3
TSM 404 Research Methods	3
TSM 360 Perspectives On Science	3
ESE 330 Principles and Strategies for Teaching Adolescents with Exceptionalities	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 3 - Spring	
PHY 333W Advanced Lab	3
PHY 361 Modern Physics	3
Liberal Studies and/or Diversity	3
General Elective Course	3
General Elective Course	3
Attempt AEPA Physics Subject Knowledge Test. Submit Student Teaching application.	

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

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