

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

2023-2024 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	4
MAT 136 Calculus I	4
TSM 101 Step 1: Supervised Practicum Through Inquiry Approaches To Teaching	2
Foundation English	4
PHY 103 First-Year Seminar	1
Initiate the Professional Education Program application.	

Year 1 - Spring	
PHY 172 or PHY 262	3
PHY 262L University Physics II Lab	1
MAT 137 Calculus II	4
AST 183 Life In The Universe	3
AST 184L Life In The Universe Laboratory	1
Liberal Studies and/or Diversity	3

Year 2 - Fall	
PHY 263 University Physics III	3
MAT 238 Calculus III	4
TSM 201 Step 2: Supervised Practicum Through Inquiry-based Lesson Design	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 2 - Spring	
PHY 264 Electronics For Science Students	3
PHY 265 Introduction To Computational Physics	3
MAT 239 Differential Equations	3
TSM 303W Knowing And Learning In Science And Science Teaching	3
Liberal Studies and/or Diversity	3
Complete Professional Education Program admission requirements.	

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

Year 3 - Spring	
PHY 333W Advanced Lab	3
PHY 361 Modern Physics	3
TSM 350 Supervised Practicum Through Classroom Interactions	3
General Elective Course	3
General Elective Course	3
Attempt and pass AEPA Physics Subject Knowledge Test. Submit Student Teaching application.	

Year 4 - Fall	
BME 437 Structured English Immersion Methods For Secondary School	3
TSM 450 Supervised Practicum Through Project-based Instruction	3
PHY 301 or MAT 316 or MAT 335	3
General Elective Course	3
General Elective Course	4

Year 4 - Spring	
TSM 495C Supervised Student Teaching Experience: Secondary Math Or Science	12
TSM 496 Supervised Student Teaching Experience: Secondary Mathematics Or Science Seminar	1