

College of Engineering, Informatics, and Applied Sciences Physics and Astrophysics Bachelor of Science

2020-2021 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
PHY 103 First-Year Seminar	1
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3

Year 1 - Spring	
PHY 172 or PHY 262	5
PHY 262L University Physics II Lab	1
MAT 137 Calculus II	4
Foundation English	4
Liberal Studies and/or Diversity	3

Year 2 - Fall	
PHY 263 University Physics III	3
AST 280 Introduction To Astrophysics	3
MAT 238 Calculus III	4
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
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 3 - Fall	
PHY 301 Methods Of Analytical Physics	3
PHY 321 Mechanics I	3
AST 391 Astrophysics: Stars	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 3 - Spring	
PHY 331 Electricity And Magnetism I	3
PHY 333W Advanced Lab	3
PHY 361 Modern Physics	3
AST 390 or AST 392	3
General Elective Course	3

Year 4 - Fall	
PHY 332 Electricity And Magnetism II	3
PHY 471 Quantum Mechanics	3
PHY 498C Senior Seminar	3
AST 401 Observational Astronomy	3
AST 401L Observational Astronomy Lab	1
CHM 151/L and CHM 152/L highly recommended for general electives.	

Year 4 - Spring	
PHY 441 Thermal And Statistical Physics	3
General Elective Course	3
General Elective Course	3