

(Proposed) Four Year Course Schedule (FY21,FY22,FY23,FY24)

21-Feb-21

Department Name: **Physics and Astronomy**

Rubric & Number	Course Title	2021 Fall	2022 Spring	2022 Fall	2023 Spring	2023 Fall	2024 Spring	2024 Fall	2025 Spring
AST 100/L	Introduction to Astronomy	X		X		X		X	
AST 100/L	Introduction to Astronomy		X		X		X		X
PHYS 160/L	College Physics I and Lab	X		X		X		X	
PHYS 161/L	College Physics II and Lab		X		X		X		X
PHYS 200/L	General Physics I and Lab	X		X		X		X	
PHYS 201/L	General Physics II and Lab		X		X		X		X
PHYS 202	Introduction to 20th Century Physics	X		X		X		X	
PHYS 305	Experimental Physics I	X		X		X		X	
PHYS 350	Computational Methods for Physical Science		X		X		X		X
PHYS 322	Elementary Modern Physics		X		X		X		X
PHYS 330	Intermediate Mechanics	X		X		X		X	
PHYS 306	Experimental Physics II		X		X		X		X
PHYS 342	Introduction to Research		X		X		X		X
PHYS 492	Senior Project	X		X		X		X	
PHYS 315	Seminar		X		X				X
PHYS 190	Special Project - First-Year Program	X		X		X		X	
PHYS 318	Biophysics and Medical Imaging		X				X		
PHYS 325	Optics				X				X
PHYS 312	Electronics			X				X	
PHYS 370	Electromagnetic Theory		X				X		
PHYS 380	Thermodynamics	X				X			
PHYS 430	Quantum Mechanics				X				X
AST 361	Stellar Astronomy								
AST 362	Galactic and Extragalactic Astronomy								
AST 410	Astrophysics				X				X
AST 365	Cosmology		X				X		
AST 266/L	Observational Astronomy	X		X		X		X	
PHYS 394	Physics Research	X-o	X-o	X-o	X-o	X-o	X-o	X-o	X-o
PHYS 469	Internship **	X-o	X-o	X-o	X-o	X-o	X-o	X-o	X-o
ENG 469	Internship **	X-o	X-o	X-o	X-o	X-o	X-o	X-o	X-o
PSCI 170	Physical Science I	Chem	X	Chem	X	Chem	X	Chem	X
PSCI 378	Energy and the Environment	X	X	X	X	X	X	X	X
PHYS 105	Physics of Music			X				X	
HON/AST 324	Life and Death in the Universe			X					
HON 318	Issues of the Nuclear Age				X				
HON/PSCI 385	Hiroshima Peace Studies Tour								
SUST 200	Nature of Sustainability	Other	X	Other	Other	Other	Other	Other	Other
SUST 421	Systems Thinking	X		Other		Other		Other	
SUST 469	Internship **	X-o	X-o	X-o	X-o	X-o	X-o	X-o	X-o
PHYS 302	Energy/Sustainability								
UNIV 340	LA Program Seminar	Other	X	Other	Other	Other	X	Other	X

Sabbaticals:

- 1) Department sabbatical sequence starts Fall 2021
- 2) Plan for needing full-time replacement 2 to 3 full years in a row

Key:

- X = Course offered
- Other = Course offered by other faculty department
- Chem = Dept. of Chemistry offers course
- X-o = Course offered but no load is given to faculty