

Physics – Engineering Track
2023-2024 Undergraduate Catalog

Semester 1 - Fall				
	Credits	Major	Other	GEP
ENES 100 – Intro to Engineering Design	3	TF		
ENGL 101 – First-Year Composition	3			CS1
MATH 236 – Calculus I	4	X		CS3
PHYS 261 – Physics I	4	X		C
ORIE 101 – Intro to Higher Education	1		X	
Semester Total	15			

Semester 2 – Spring				
	Credits	Major	Other	GEP
IDIS 150 – First-Year FSU Colloquia	3			E
MATH 237 – Calculus II	4	X		
PHYS 262 – Physics II	4	X		
General Elective	3		X	
Semester Total	14			

Semester 3 - Fall				
	Credits	Major	Other	GEP
MATH 238 – Calculus III	4	X		
PHYS 263 – Physics III	4	X		
GEP FSU Colloquia II	3			E
GEP Humanities	3			B
General Elective	3		X	
Semester Total	17			

Semester 4 – Spring				
	Credits	Major	Other	GEP
MATH 432 – Differential Equations	3	X		
General Elective	3		X	
GEP Humanities	3			B
GEP Social Science	3			D
General Elective	3		X	
Semester Total	15			

Semester 5 - Fall				
	Credits	Major	Other	GEP
*Fall Only				
PHYS 312* - Electricity & Magnetism	4	X		
PHYS 320* - Experimental Physics	2	X		
GEP Identity & Difference	3			F
GEP Natural Science	4			C
General Elective	3		X	
Semester Total	16			

Semester 6 – Spring				
	Credits	Major	Other	GEP
**Spring Only				
ENGL 3xx – Advanced Writing	3			CS2
PHYS 310** - Classical Mechanics	4			
GEP Social Science	3			D
Physics Elective (1 of 1)	3	X		
General Elective	3		X	
Semester Total	16			

Semester 7 - Fall				
	Credits	Major	Other	GEP
*Fall Only				
PHYS 491* - Seminar	2	X		
GEP Fine & Performing Arts	3			A
Physics or Engineering Elective (1 of 2)**	3	X		
General Elective	3		X	
General Elective	3		X	
Semester Total	14			

Semester 8 - Spring				
	Credits	Major	Other	GEP
**Spring Only				
PHYS 420** - Computational Physics	3	X		
PHYS 492** - Capstone	2	X		
Physics or Engineering Elective (2 of 2)**	3	X		
General Elective	3		X	
General Elective	2		X	
Semester Total	13			

** No course may be used to simultaneously fulfill requirements for a student's double major.

Updated by/date: Dr. Matthew Crawford, Chemistry & Physics, 9/15/2023

Total Credits: 120