

**Two-Year Course Cycle**  
**Department of Physics – Course offerings**  
**as of April 5, 2022**

Department of Physics <http://www.plu.edu/physics>  
 Academic Advising <http://www.plu.edu/academic-advising>  
 Course Catalog <http://www.plu.edu/catalog>  
 Class Schedule <https://banweb.plu.edu>

This two-year course cycle is intended to assist students in planning their academic program. It also allows the department to anticipate staffing needs. It is subject to change without notice. This is not a contract or guarantee that any specific course will be offered precisely as listed. All course offerings depend on such things as the university budget, instructor availability, and enrollment. Should a substitute course be deemed necessary, a reasonable effort will be made to ensure the new course will continue to fulfill the same major requirement or general education element as the original course. This course cycle does not anticipate possible scheduling conflicts that may arise. Students are expected to meet up with their advisor at least once per semester when planning their pathway to success at PLU, and this course cycle is not a substitute for that expectation. The Class Schedule on Banner Web ([banweb.plu.edu](https://banweb.plu.edu)) provides the most up-to-date course information.

**2022 – 2023 Academic Year**

Course	Course Title	Fall Sections	J-Term Sections	Spring Sections	Multi-Disciplinary Program Related	Comments
PHYS 110	Astronomy NS, SM					Not offered during year with sabbatical leave
PHYS 110 L	Astronomy Lab					Not offered during year with sabbatical leave
PHYS 125	College Physics I NS, SM	X			Service to BIOL and GEOS	
PHYS 126	College Physics II NS, SM			X	Service to BIOL and GEOS	
PHYS 135	College Physics I Laboratory	X			Service to BIOL and GEOS	
PHYS 136	College Physics II Laboratory			X	Service to BIOL and GEOS	
PHYS 153	General Physics I NS, SM	X		X	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 154	General Physics II NS, SM	X		X	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 163	General Physics I Laboratory	X		X	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 164	General Physics II Laboratory	X		X	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	

PHYS 190	FYEP SEMINAR				FYEP	
PHYS 210	Musical Acoustics NS, SM					
PHYS 221	Waves and Fluids NS, SM					Offered in Fall in odd calendar years
PHYS 223	Elementary Modern Physics			X		
PHYS 240	Engineering Statics					
PHYS 287	Special Topics in PHYS					
PHYS 288	Special Topics in PHYS					
PHYS 289	Special Topics in PHYS					
PHYS 291	Directed Study					
PHYS 331	Electromagnetic Theory	X				
PHYS 332	Electromagnetic Waves/Phy Optics			X		Offered in Spring in odd calendar years
PHYS 333	Engineering Thermodynamics					
PHYS 334	Engineering Materials Sci					
PHYS 336	Classical Mechanics					Offered in Spring in even calendar years
PHYS 354	Mathematical Physics I			X		
PHYS 356	Mathematical Physics II	X				
PHYS 387	Special Topics in PHYS					
PHYS 388	Special Topics in PHYS					
PHYS 389	Special Topics in PHYS					
PHYS 401	Intro to Quantum Mechanics			X		Offered in Spring in odd calendar years
PHYS 487	Special Topics in PHYS					
PHYS 488	Special Topics in PHYS					
PHYS 489	Special Topics in PHYS					
PHYS 495	Internship					
PHYS 499A	Capstone: Advanced Lab I SR	X				
PHYS 499B	Capstone: Advanced Lab II SR			X		
WRIT 101	WRITING SEMINAR				FYEP	

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**2023 – 2024 Academic Year**

Course	Course Title	Summer Sections	Fall Sections	J-Term Sections	Spring Sections	Multi-Disciplinary Program Related	Comments
PHYS 110	Astronomy NS,SM		X				
PHYS 110L	Astronomy Lab		X				
PHYS 125	College Physics I NS,SM		X				<b>May</b> be offered in Summer if instructor is available
PHYS 126	College Physics II NS,SM				X		<b>May</b> be offered in Summer if instructor is available
PHYS 135	College Physics I Laboratory		X				<b>May</b> be offered in Summer if instructor is available
PHYS 136	College Physics II Laboratory				X		<b>May</b> be offered in Summer if instructor is available
PHYS 153	General Physics I NS,SM		X		X		
PHYS 154	General Physics II NS,SM		X		X		
PHYS 163	General Physics I Laboratory		X		X		
PHYS 164	General Physics II Laboratory		X		X		
PHYS 190	FYEP SEMINAR					FYEP	
PHYS 221	Waves and Fluids		X				Offered in Fall in Odd Calendar Years
PHYS 223	Elementary Modern Physics				X		
PHYS 240	Engineering Statics						
PHYS 287	Special Topics in PHYS						
PHYS 288	Special Topics in PHYS						
PHYS 289	Special Topics in PHYS						
PHYS 291	Directed Study						
PHYS 331	Electromagnetic Theory		X				
PHYS 332	Electromagnetic Waves and Physical Optics						Offered in Spring in Odd Calendar Years

PHYS 333	Engineering Thermodynamics						Offered in Fall in Even Calendar Years
PHYS 334	Engineering Materials Science						Offered in Spring in Even Calendar Years
PHYS 336	Classical Mechanics				X		Offered in Spring in Even Calendar Years
PHYS 354	Mathematical Physics I				X		
PHYS 356	Mathematical Physics II		X				
PHYS 387	Special Topics in PHYS						
PHYS 388	Special Topics in PHYS						
PHYS 389	Special Topics in PHYS						
PHYS 401	Introduction to Quantum Mechanics						Offered in Spring in Odd Calendar Years
PHYS 487	Special Topics in PHYS						
PHYS 488	Special Topics in PHYS						
PHYS 489	Special Topics in PHYS						
PHYS 499A	Capstone: Advanced Lab I SR		X				
PHYS 499B	Capstone: Advanced Lab II SR				X		
WRIT 101	WRITING SEMINAR					FYEP	
ENGR 131	Intro to Engineering		X				
ENGR 131L	Intro to Engineering Lab		X				
ENGR 240	Engineering Statics		X				Not offered during year with sabbatical leave
ENGR 333	Engineering thermodynamics						Offered in Fall even calendar years
ENGR 334	Engineering Materials Science				X		Offered in Spring in Even Calendar Years
ENGR 355	Electrical Circuits				X		Not offered during year with sabbatical leave