

Two-Year Course Cycle Department of Physics 2023 - 2025

Department of Physics
Academic Advising
Course Catalog
Class Schedule

<http://www.plu.edu/physics>
www.plu.edu/academic-advising
<http://www.plu.edu/catalog>
<https://bss.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 (<https://bss.plu.edu/>) provides the most up-to-date course information.

2023-2024 Academic Year - Department of Physics

Course	Course Title	# Summer Sections	# Fall Sections	# J-Term Sections	# Spring Sections	Total # Sections	Multi-Disciplinary Program Related [please specify which program(s)]	Comments
PHYS 110	Astronomy (NS, SM)	0	1	0	0	1	used for Ed endorsement	Not offered during years with sabbatical leave
PHYS 110L	Astronomy Lab	0	2	0	0	2		Not offered during years with sabbatical leave
PHYS 125	College Physics I (NS, SM)		1	0	0	1	Service to BIOL and GEOS	
PHYS 126	College Physics II (NS, SM)		0	0	1	1	Service to BIOL and GEOS	
PHYS 135	College Physics I Laboratory		5	0	0	5	Service to BIOL and GEOS	
PHYS 136	College Physics II Laboratory		0	0	5	5	Service to BIOL and GEOS	
PHYS 153	General Physics I (NS, SM)		1	0	1	2	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 154	General Physics II (NS, SM)		1	0	1	2	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 163	General Physics I Laboratory		5	0	2	7	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 164	General Physics II Laboratory		2	0	5	7	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 221	Waves and Fluids (NS, SM)		1	0	0	1		Offered in Fall in odd calendar years

PHYS 223	Elementary Modern Physics		0	0	1	1		
PHYS 310	Methods of Experimental Physics		1	0	0	1		
PHYS 331	Electromagnetic Theory		1	0	0	1		
PHYS 332	Electromagnetic Waves and Physical Optics		0	0	0	0		Offered in Spring in odd calendar years
PHYS 336	Classical Mechanics		0	0	1	1		Offered in spring in even calendar years
PHYS 354	Mathematical Physics		0	0	0	0		Offered in rotation with MATH 351
PHYS 401	Introduction to Quantum Mechanics		0	0	0	0		Offered in spring in odd calendar years
PHYS 499A	Advanced Laboratory I (SR)		1	0	0	1		
PHYS 499B	Advanced Laboratory II (SR)		0	0	1	1		
						0		
ENGR 131	Intro to Engineering		1		0	1		
ENGR 131L	Intro to Engineering Lab		1		0	1		
ENGR 240	Engineering Statics		1	0	0	1		Not offered during years with sabbatical leave
ENGR 333	Engineering Thermodynamics		0	0	0	0		Offered in Fall in even calendar years
ENGR 334	Engineering Materials Science		0	0	1	1		Offered in Spring in Even calendar years
ENGR 355	Electrical Circuits		0	0	1	1		Not offered during years with sabbatical leave
Total # Sections		0	25	0	20	45		

2024-2025 Academic Year - Department of Physics

Course	Course Title	# Summer Sections	# Fall Sections	# J-Term Sections	# Spring Sections	Total # Sections	Multi-Disciplinary Program Related [please specify which program(s)]	Comments
PHYS 110	Astronomy (NS, SM)	0	0	0	0	0	used for Ed endorsement	Not offered during years with sabbatical leave
PHYS 110L	Astronomy Lab	0	0	0	0	0		Not offered during years with sabbatical leave
PHYS 125	College Physics I (NS, SM)		1	0	0	1	Service to BIOL and GEOS	
PHYS 126	College Physics II (NS, SM)		0	0	1	1	Service to BIOL and GEOS	
PHYS 135	College Physics I Laboratory		5	0	0	5	Service to BIOL and GEOS	
PHYS 136	College Physics II Laboratory		0	0	5	5	Service to BIOL and GEOS	
PHYS 153	General Physics I (NS, SM)		1	0	1	2	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 154	General Physics II (NS, SM)		1	0	1	2	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 163	General Physics I Laboratory		5	0	2	7	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 164	General Physics II Laboratory		2	0	5	7	Partially service to CHEM, BIOL, CSCI, MATH, and GEOS	
PHYS 221	Waves and Fluids (NS, SM)		0	0	0	0		Offered in Fall in odd calendar years

PHYS 223	Elementary Modern Physics		0	0	1	1	
PHYS 310	Methods of Experimental Physics		1	0	0	1	
PHYS 331	Electromagnetic Theory		1	0	0	1	
PHYS 332	Electromagnetic Waves and Physical Optics		0	0	1	1	Offered in Spring in odd calendar years
PHYS 336	Classical Mechanics		0	0	0	0	Offered in spring in even calendar years
PHYS 354	Mathematical Physics		0	0	1	1	Offered in rotation with Math 351
PHYS 401	Introduction to Quantum Mechanics		0	0	1	1	Offered in spring in odd calendar years
PHYS 499A	Advanced Laboratory I (SR)		1	0	0	1	
PHYS 499B	Advanced Laboratory II (SR)		0	0	1	1	
ENGR 131	Intro to Engineering		1	0	0	1	
ENGR 131L	Intro to Engineering Lab		1	0	0	1	
ENGR 240	Engineering Statics		0	0	0	0	Not offered during years with sabbatical leave
ENGR 333	Engineering Thermodynamics		1	0	0	1	Offered in Fall in even calendar years
ENGR 334	Engineering Materials Science		0	0	0	0	Offered in Spring in Even calendar years
ENGR 355	Electrical Circuits		0	0	0	0	Not offered during years with sabbatical leave
Total # Sections			0	21	0	20	41