

**PHYS**

**2 YEAR PROJECTED**

Tentative: Check "Search for Classes" on SU Online for the quarterly schedule.  
 INSERT YR Course offerings are highly tentative at this time.

PHYS Course #	Course Name	Summer 22		Fall 22		Winter 23		Spring 23		Summer 23		Fall 23		Winter 23	
1000	From Quarks to the Cosmos	X						X							
1050	Mechanics	X						X							
1051	Mechanics Lab	X						X							
1060	Waves, Sound, Electricity and Magnetism			X						X					
1061	Waves, Sound, Electricity and Magnetism Lab			X						X					
1070	Thermodynamics, Optics, and Modern Physics					X									X
1071	Thermodynamics, Optics, and Mod Phys Lab					X									X
1210	Mechanics			X	X					X	X				
1211	Mechanics Lab			X	X					X	X				
1220	Electricity and Magnetism		X	X				X		X					X
1221	Electricity and Magnetism Lab		X	X				X		X					X
1230	Waves and Optics		X	X				X	X						
1231	Waves and Optics Lab		X	X				X	X						
2030	Thermodynamics			X						X					
2050	Modern Physics					X									X
2060	Modern Physics Laboratory					X									X
2500	Mathematical Methods for Physics		X					X							
3100	Classical Mechanics		X					X							
3300	Electromagnetic Field Theory			X						X					
3400	Nonlinear Dynamical Systems and Chaos														
3450	Introduction to Numerical Methods			X						X					
3620	Introduction to Astrophysics					X									
3630	Introduction to Geophysics														
3700	Advanced Physics Laboratory			X						X					
3850	Quantum Mechanics					X									X
3910	Special Topics					X									X
4100	Advanced Classical Physics		X					X							
4200	Statistical and Thermal Physics			X						X					
4300	Modern Optics for Physicists and Engineers														X
4500	Atomic Physics														
4700	Solid-State Physics														
4860	Particle and Nuclear Physics														
4870	Senior Synthesis		X					X							
4990	Undergraduate Research		X	X	X			X	X	X					

Pre&Co-Requisites OR Notes
Prerequisite: MATH 1021 or equivalent.
Prerequisites: MATH 1021, MATH 1022, or equivalent.
Co-requisite: PHYS 1050.
Prerequisite: PHYS 1050.
Co-requisite: PHYS 1060.
Prerequisite: PHYS 1060.
Co-requisite: PHYS 1070.
Prerequisite or co-requisite: MATH 1335.
Co-requisite: PHYS 1210.
Prerequisites: PHYS 1210, MATH 1335.
Co-requisite: PHYS 1220.
Prerequisites: PHYS 1220, MATH 1336.
Co-requisite: PHYS 1230.
Prerequisites: PHYS 1220, MATH 1336.
Prerequisites: PHYS 1230, MATH 2330.
Prerequisite: CPSC 1220 or ECEGR 2000; Co-req: PHYS 2050.
Prerequisites: PHYS 1230, MATH 2340.
Prerequisite or co-requisite: PHYS 2500.
Prereqs: PHYS 1230, PHYS 2500, CPSC 1220 or ECEGR 2000.
Prereqs: PHYS 1230, MATH 2340, CPSC 1220 or ECEGR 2000.
Prereqs: A Grade of C- or better in MATH 2320.
Prerequisites: PHYS 2030, PHYS 2500.
Prereqs: PHYS 1230, PHYS 2500, CPSC 1220 or ECEGR 2000.
Prerequisites: PHYS 2050, PHYS 2060, MATH 2340.
Prerequisites: PHYS 2050, PHYS 3100.
Prerequisites: PHYS 3100, PHYS 3300.
Prerequisites: PHYS 2030, PHYS 2050, MATH 2340.
Prerequisites: PHYS 3300.
Prerequisites: PHYS 3300, PHYS 3850, or permission of instructor.
Prerequisite or co-requisite: PHYS 3850.
Prerequisites: PHYS 3300, PHYS 3850.
Prerequisite: None, but required of all physics majors.
Prerequisite: Permission of department chair.

**CSE Advising Center**  
 206.296.2500, BANN 323  
[se-adv@seattleu.edu](mailto:se-adv@seattleu.edu)