

Physics courses and their co-requisites and pre-requisites

PHYS	Description	Co-requisites	Pre-requisites
1069	Astronomy (3)		
1010	Freshman orientation (1)		
1020	Freshman orientation (1)		
2010	Sophomore orientation (1)		
2020	Sophomore orientation (1)		
2110	Algebra-based Physics I (4)		MATH 1040 or 1050
2111	PHYS 2110 Recitation (1)	PHYS 2110	
2120	Algebra-based Physics II (4)		PHYS 2110
2121	PHYS 2120 Recitation (1)	PHYS 2120	
2070	Electric Circuits (4)		PHYS 2220 with C- or better
2210	Calculus-based Physics I (4)		MATH 2310 or 2510 with C- or better
2211	PHYS 2210 Recitation (1)	PHYS 2210	
2220	Calculus-based Physics II (4)		PHYS 2210 with C- or better, MATH 2320 or 2520
2221	PHYS 2220 Recitation (1)	PHYS 2220	
2230	Calculus-based Physics III (4)		PHYS 2220 with C- or better
2231	PHYS 2230 Recitation (1)	PHYS 2230	
3010	Intermediate Lab (3)		PHYS 2230
3070	Analog Electronics (3)		PHYS/ENGR 2070
3110	Classical Mechanics I (2)	PHYS 2230, 3500, MATH 2530	PHYS 2230, 3500, MATH 2530
3120	Classical Mechanics II (2)		PHYS 3110
3210	Electricity and Magnetism I (2)		PHYS 2230, 3500
3220	Electricity and Magnetism II (2)		PHYS 3210
3310	Thermodynamics (3)		PHYS 2230, 3500
3320	Statistical Mechanics (2)		PHYS 3310
3500	Mathematical Methods (2)	PHYS 2230	PHYS 2230, MATH 2530
3510	Modern Physics (2)		PHYS 2230
3520	Computational Methods (3)		PHYS 2230
4010	Advanced Lab (2)		PHYS 3010
4410	Quantum Mechanics I (2)		PHYS 3110, MATH 2530
4420	Quantum Mechanics II (2)		PHYS 4410
4510	Condensed Matter I (3)		PHYS 4410
4520	Atomic and Molecular (3)		PHYS 4410
4600	Teaching Physics (1-3)		Physics major or minor
4700	Special Topics (1-3)		Permission of the instructor
4800	Research Participation (1-3)		Permission of the instructor
4900	Senior Seminar (2)		Physics major or minor
4910	Senior Project (2)		Physics major or minor

PHYS Units and WTUs

1069	2	2	3
1010/1020/2010/2020	1		1
2070	3	2	4
2110/2120	3	2	4
2111/2121	1		1
2210/2220/2230	3	2	4
2211/2221/2231	1		1
3010	1	4	3
3070	2	2	3
3110/3120	2		2
3210/3220	2		2
3310	3		3
3320	2		2
3500	2		2
3510	2		2
3520	2	2	3
4010		4	2
4410/4420	2		2
4510	3		3
4520	3		3
4600			1-3
4700			1-3
4800			1-3
4900			2
4910			2