

# Minor in Physics

---

## Requirements for a minor in Physics (39 units)

### Lower-division requirements (29)

MATH 2210	Calculus I	4
MATH 2220	Calculus II	4
MATH 2310	Applied Linear Algebra	4
MATH 2320	Multivariable Calculus	4
PHYS 2500	General Physics I	4
PHYS 2500L	General Physics I Lab	1
PHYS 2510	General Physics II	4
PHYS 2510L	General Physics II Lab	1
PHYS 2700	Modern Physics	3

### Upper-division requirements (10)

PHYS 3100	Mathematical Methods of Physics	4
Six units of upper-division electives approved by the department: 6		
PHYS 3200	Classical Mechanics	
PHYS 3300	Computational Physics	
PHYS 3400	Electricity & Magnetism	
PHYS 3500	Statistical and Thermal Physics	
PHYS 3600	Data Acquisition and Control	
PHYS 3800	Intermediate Physics Laboratory	
PHYS 4400	Electricity & Magnetism II	
PHYS 4600	Electronics	
PHYS 4700	Quantum Mechanics	
PHYS 4800	Senior Thesis	
PHYS 4851-4853	Special Topics in Physics	
PHYS 4851L-4852L	Special Topics in Physics Laboratory	
PHYS 5100	Mathematical Methods of Physics II	
PHYS 5400	Optics	
PHYS 5500	Solid State Physics	
PHYS 5700	Quantum Mechanics II	
PHYS 5751-5753	Internship (maximum 3 units)	
PHYS 5851-5853	Special Topics in Physics	
PHYS 5851L-5852L	Special Topics in Physics Laboratory	
PHYS 5951-5953	Independent Study (maximum 3 units)	

---

**Total Units** **39**