

Santa Clara University - College of Arts & Sciences
Physics MINOR Requirements
8 May, 2026, CPW

Requirements:

Students must fulfill the following requirements for a minor in physics:

- PHYS 31, 32, 33 (or PHYS 11, 12, 33), 34, 192 (and associated labs)

- Four additional and approved physics courses numbered 70 through 162.

Checklist:

Please list below the term and upper division course completed:

PHYS 31 _____	UD PHYS course _____	_____
PHYS 32 _____	UD PHYS course _____	_____
PHYS 33 _____	UD PHYS course _____	_____
PHYS 34 _____	UD PHYS course _____	_____

Prerequisites:

The prerequisites of physics courses are as follows:

- PHYS 31: *MATH 11*
- PHYS 32: *MATH 12 and PHYS 31*
- PHYS 33: *MATH 13 and PHYS 32*
- PHYS 34: *PHYS 33*
- PHYS 70: *PHYS 33*
- PHYS 103: *MATH 23 or AMTH 106. Recommended: CSCI 10 or CSEN 10 or MECH 45*
- PHYS 104: *PHYS 31 and (MATH 23 or AMTH 106)*
- PHYS 111: *PHYS 23 and (MATH 23 or AMTH 106)*
- PHYS 112: *PHYS 111 or ECEN 104*
- PHYS 113: *PHYS 112*
- PHYS 116: *PHYS 120, 121, and senior standing*
- PHYS 120: *PHYS 34 and (PHYS 103 or AMTH 118)*
- PHYS 121: *PHYS 34 and (PHYS 103 or AMTH 118)*
- PHYS 122: *PHYS 121*
- PHYS 123: *PHYS 122*
- PHYS 141: *Depends on topic*
- PHYS 151: *Senior standing in physics or consent of instructor*
- PHYS 161: *PHYS 33. PHYS 34 recommended but not required*
- PHYS 162: *PHYS 33. PHYS 34 recommended but not required*