



Physics Minor

A physics minor is 18 units of physics which must include 6 units of upper division physics or astrophysics courses taken at San José State University with a "C" (2.0) average or better.

Courses Required for Minor:

- ❖ PHYS 50, 51, and 52 (or equivalent)
- ❖ Six units of upper division physics (approved by Physics advisor)

Suggested courses (and upper division prerequisites):

- ❖ ASTR 117A,B Astrophysics I, II
- ❖ ASTR 155 Topics in Modern Astronomy and Astrophysics (*Astr 117A, Astr 117B*)
- ❖ PHYS 105A Advanced Mechanics (*Math 133A*)
- ❖ PHYS 105B Advanced Mechanics (*Phys 105A*)
- ❖ PHYS 110A Electricity Magnetism (*Math 133A, Phys 130*)
- ❖ PHYS 110B Electricity Magnetism (*Phys 110A*)
- ❖ PHYS 120A Laboratory Electronics for Scientists
- ❖ PHYS 122 Modern Physics
- ❖ PHYS 158 Modern Optics
- ❖ PHYS 160 Thermodynamics & Statistical Physics
- ❖ PHYS 163 Quantum Mechanics (*Math 133A, Phys 122, Phys 130*)

Suggested combinations:

122 + 158 120A + 158 105A + 105B
122 + 163 120A + 122 117A + 117B

Science & Engineering Majors: Most Science & Engineering majors can get a Physics Minor with only 6 units of upper division physics or astrophysics courses beyond the Physics 50 series major requirement!

For more information, contact:

Dr. Monika Kress
Phone: 408-924-5255
Monika.Kress@sjsu.edu
Office: SCI 264