

PHYSICS ASSOCIATE OF SCIENCE DEGREE

To graduate with a specialization in Physics, students must complete the following required courses plus the general breadth requirements for the Associate Degree (minimum total = 60 units).

Code	Title	Units
Required Courses:		
PHYSIC 202	Physics I	4
PHYSIC 203	Physics II	4
PHYSIC 204	Physics III	4
PHYSIC 210	Modern Physics	4
MATH 250	Single Variable Calculus I	4
MATH 251	Single Variable Calculus II	4
MATH 252	Multivariable Calculus	5
Total Units		29

Code	Title	Units
Recommended Courses:		
CHEM 150	General Chemistry I	5
CHEM 151	General Chemistry II	5

To earn an SBVC Associate Degree students must complete one of the following general education patterns:

SBVC GE requirements (<https://www.valleycollege.edu/student-services/counseling/graduation-requirements/>)

CSU GE requirements (<https://www.valleycollege.edu/student-services/counseling/csuge/>)

IGETC requirements (<https://www.valleycollege.edu/student-services/counseling/igetc/>)

Program Learning Outcomes

At the completion of this program, students will be able to:

- Demonstrate general knowledge of physical concepts and principles appropriate for lower division courses in physics.
- Apply critical thinking skills and physical methods in solving problems appropriate for lower division physics courses.
- Demonstrate standard laboratory skills and techniques appropriate for lower division courses in physics, as well as communicate concepts and results through well-organized lab reports.