



# STEM

Academic & Career Pathways



CUYAMACA  
• COLLEGE •

# Major in Physics, AS-T

## Recommended Course Sequence

Major courses below count towards the completion of an Associate in Science (AS) Degree for Transfer.

SEMESTER 1		Units
MATH 180	Analytic Geometry and Calculus I	5

SEMESTER 2		Units
MATH 280	Analytic Geometry and Calculus II	4
PHYC 190	Mechanics and Heat	5

SEMESTER 3		Units
MATH 281	Multivariable Calculus	4
PHYC 200	Electricity and Magnetism	5
CHEM 120	Preparation for General Chemistry I	4

SEMESTER 4		Units
PHYC 210	Wave Motion and Modern Physics	5
CHEM 141	General Chemistry I	5

\*To earn an Associate in Science Degree for Transfer, a minimum of 60 transferable semester units of college coursework is required. This includes general education courses in addition to the courses listed above. Please consult with a counselor to develop your personalized comprehensive education plan.

Learn more at:

[www.Cuyamaca.edu](http://www.Cuyamaca.edu)

# Major in Physics, AS

## Recommended Course Sequence

Major courses below count towards the completion of an Associate in Science (AS) Degree.

SEMESTER 1		Units
MATH 180	Analytical Geometry and Calculus I	5

SEMESTER 2		Units
MATH 280	Analytical Geometry and Calculus II	4
PHYC 190	Mechanics and Heat	5
CHEM 120	Preparation for General Chemistry	4

SEMESTER 3		Units
MATH 281	Multivariable Calculus	4
PHYC 200	Electricity and Magnetism	5
CHEM 141	General Chemistry I	5

SEMESTER 4		Units
PHYC 210	Wave Motion and Modern Physics	5
CHEM 142	General Chemistry II	5

\*To earn an Associate in Science Degree, a minimum of 60 semester units of college coursework is required. This includes general education courses in addition to the courses listed above. Please consult with a counselor to develop your personalized comprehensive education plan.

Learn more at:

[www.Cuyamaca.edu](http://www.Cuyamaca.edu)