

PHYSICS

The two-year liberal arts curriculum is designed for students who want to include physics in their general education and for students who plan to concentrate in a STEM field for professional careers by transferring to a four-year college or university.

Suggested Program of Study for Associate of Science Degree (2 years)

FRESHMAN YEAR

First Semester	
Course	Credits
ENGL 2070 Technical Communications I*	3
CHEM 1090 General Chemistry I* OR CHEM 1140 General Chemistry I for Majors*	4-5
MATH 1600 Analytic Geometry and Calculus I*	5
Elective**	3
	15-16

Second Semester	
Course	Credits
English/Literature*	3
PHYS 2110 General Physics I with Calculus*	5
MATH 2010 Analytic Geometry and Calculus II*	5
Elective(s)**	3-5
	16-18

SOPHOMORE YEAR

First Semester	
Course	Credits
Behavioral and Social Sciences*	3
MATH 2100 Ordinary Differential Equations	3
PHYS 2120 General Physics II with Calculus	5
Oral Communication*	3
	14

Second Semester	
Course	Credits
MATH 2020 Analytic Geometry and Calculus III	5
English/Literature,* Fine Arts and Language,* OR Behavioral or Social Science*	3-4
Science Course	3-5
Elective**	3-4
	17-18

Total Credit Hours 62-66

To earn an associate of science degree, a student must satisfactorily complete a minimum of 60 semester hours that include the general education requirements.

* See general education requirements.

**Recommended electives depend on desired professional goal and/or requirements at institution of transfer.