

Programs of Study - Transfer

MATH AND SCIENCE

Physics Emphasis

Associate in Science (AS)

Semester 1

MA 120	Analytic Geometry and Calculus I	5 credit hours
CM 101	English Composition I	3 credit hours
	Humanities General Education ¹	3 credit hours
SC 131	Chemistry I	5 credit hours
SS 100	College Skills and Resources ⁴	<u>1 credit hour</u>

Total: 17 credit hours

Semester 2

MA 121	Analytic Geometry and Calculus II	5 credit hours
CM 102	English Composition II	3 credit hours
SS	Social Science General Education ³	3 credit hours
SC 105	General Astronomy	<u>4 credit hours</u>

Total: 15 credit hours

Semester 3

MA 122	Analytic Geometry and Calculus III	5 credit hours
SC 142	University Physics I	5 credit hours
CM 115	Public Speaking	3 credit hours
SS	Social Science General Education ³	<u>3 credit hours</u>

Total: 16 credit hours

Semester 4

MA 123	Differential Equations	4 credit hours
SC 143	University Physics II	5 credit hours
	Humanities General Education ¹	3 credit hours
SC 104	Meteorology	<u>4 credit hours</u>

Total: 16 credit hours 64 credit hours

Note: The biological science with lab general education course requirement is waived for this emphasis and is replaced with a physical science with lab general education course.

¹The six hours of humanities gen. ed. must represent at least two different disciplines in fine arts, history, literature, or philosophy.

²Check transfer requirements when selecting a natural science. Some universities may require two sciences as a gen. ed. and/or elective.

³The six hours of general education social sciences must represent a minimum of two different areas of study.

⁴College Skills and Resources is a required course for all first time, full-time entering Freshmen.

⁵Electives are any college coursework at or above the 100 level. Each Department maintains a list of recommended electives. Students are strongly encouraged to consider transfer institution requirements when choosing elective courses.