PHYSICS (AOC)

PROGRAM OVERVIEW

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Science 70
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This transfer pattern is designed for students planning to transfer to a four-year college or university with a major in physics/physical science but are uncertain as to the transfer institution. The courses included in this program closely parallel the first two years of a physics/physical science major at many four-year institutions.

This is a transfer program and is designed to enable students to transfer to a four-year college or university. Check with your advisor and the Advising Center staff as soon as possible to ensure specific course transferability.

Successful completion of this program qualifies a student to apply for an Associate of Science degree in Arts and Sciences - Area of Concentration in Physics.

COURSE REQUIREMENTS

REQUIRED PHYSICS COURSES

PHYS-106	Introductory Astronomy
PHYS-201	General Physics I
PHYS-202	General Physics II

REQUIRED GENERAL COURSES

CHEM-101	General Chemistry I
CHEM-102	General Chemistry II
ENG-101	English Composition I
ENG-103 or Arts and Humanities Elective	Introduction to Literature or Arts and Humanities Elective
MATH-201	Calculus I
MATH-202	Calculus II
MATH-203	Calculus III
MATH-206	Differential Equations

REQUIRED ELECTIVE COURSES

Please consult with your advisor or the Advising Center staff for selecting appropriate elective courses for graduation.

Electives - 9 credits

Arts and Humanities Elective - 3 credits

Social and Behavioral Science Electives - 6 credits

PROGRAM PATH

PHYSICS

AREA OF CONCENTRATION

PREPARATION FOR TRANSFER

FIRST SEMESTER		Credit Hours
Elective		3
English 101 (English Composition I)		3
Mathematics 201 (Calculus I)		4
Physics 201 (General Physics I)		4
	Total:	14

SECOND SEMESTER		
Elective		3
English 103 (Introduction to Literature) or Arts and Humanities Elective [1]		3
Mathematics 202 (Calculus II)		4
Physics 202 (General Physics II)		4
Social and Behavioral Science Elective [2]		3
	Total:	17

THIRD SEMESTER		
Arts and Humanities Elective [1]		3
Chemistry 101 (General Chemistry I)		4
Elective		3
Mathematics 203 (Calculus III)		4
	Total:	14

FOURTH SEMESTER		
Chemistry 102 (General Chemistry II)		4
Mathematics 206 (Differential Equations)		4
Physics 106 (Introductory Astronomy)		4
Social and Behavioral Science Elective [2]		3
	Total:	15
	Total Credit Hours:	**60**

[1] Arts and Humanities elective must be from two different disciplines.

[2] Social and Behavioral Science elective must be from two different disciplines.

NOTE: All courses specifically identified by course number are graduation requirements for this program.