











The Academic Plan is a semester-by-semester plan for the full-time college-ready student. Part-time students should work with an advisor to customize the map to fit individual needs.

ACADEMIC PLAN			
Fall 1st Year		Cr Hrs	Semester 1
	MTH180 Calculus I	5	
	COL101 Introduction to College	1	
	CIS125 Introduction to Information Systems	3	
	CHM111 General Chemistry I	5	
	ENG101 Composition I	3	
Total Hours		17	

Spring 1st Year			Semester 2
	MTH185 Calculus II	5	
	COM110 Public Speaking	3	
	HST103 U.S. History I to Reconstruction	3	
	ENG102 English Composition II	3	
	Humanities Elective	3	
Total Hours		17	

Fall 2nd Year			Semester 3
	CIS155 Introduction to Computer Programming	3	A.A. Degree elective Options: MTH 201 Calculus III or PHY 105 Physical Geology or PHY 106 Introduction to Astronomy or other elective.
	PHY223 Physics I	5	
	PSY101 General Psychology	3	
	A.A. Degree Elective	3 - 5	
Total Hours		14 - 16	

Spring 2nd Year			Semester 4
	BIO102 Concepts in Biology	3	
	PHY224 Physics II	5	
	ECO101 Macroeconomics	3	
	PHL102 Introduction to Philosophy	3	
	Humanities Elective	3	
Total Hours		17	

Program Description: The Physical Science program provides students with important background courses in Physical Science principles with which they can pursue more specialized advanced courses. This enables our students to transfer to a four-year institution as juniors and be successful in their pursuit in a variety of Physical Science fields, such as Physics, Astronomy, and Geology.

Admission Requirements:

Department Faculty Advisors: Bob Brazzle & Stacey Nguyen

Associate Dean: Maryanne Angliongto

Employment Outlook/Median Salary*:

Career	Degree Level Required	** Growth	Median Annual Salary
Physicists and Astronomers	Ph.D.	9%	\$119,580
Geoscientists	B.S.	6%	\$91,130
Atmospheric Scientists, Including Meteorologists	B.S.	8%	\$94,110

**Employment information based on current Bureau of Labor Statistics Occupational Outlook Handbook.*

***Projected % of change in employment 2018-2028; the average for all occupations is 5%.*

Transfer Information: Jefferson College has partnered with the following institutions to provide pathways for transfer:

- Missouri Baptist University
- Southeast Missouri State University
- University of Missouri—St. Louis
- Missouri Science and Technology

The above list is not comprehensive and is subject to change. Additional information about transferring to four-year institutions can be found [here](#).