











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 1 <sup>st</sup> 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	
<b>Total Hours</b>		<b>17</b>	

Spring 1 <sup>st</sup> 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	
<b>Total Hours</b>		<b>17</b>	

Fall 2 <sup>nd</sup> 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	
<b>Total Hours</b>		<b>14 - 16</b>	

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

**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:** There are no specific admission requirements for this program. HRA coursework requires reading and a level of math proficiency. Certain general education coursework requires specific measures for placement. Please consult a Jefferson College advisor for more information.

**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. or Professional Degree	8%	\$147,450
Geoscientists	B.S.	5%	\$83,680
Atmospheric Scientists, Including Meteorologists	B.S.	4%	\$94,570

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

*\*\*Projected % of change in employment 2021-2031; the average for all occupations is 8%.*

**Transfer Information:**

Students have many opportunities to transfer and continue their education after Jefferson College. [Click here](#) for assistance with many of your transfer admissions questions. Information is always changing so we recommend you check with the receiving institution or a Jefferson College Enrollment Services Specialist if you have further questions. If you would like to make an appointment with an Enrollment Services Specialist to discuss transfer information, please call 636-481-3209.