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.

### Program Description
Natural sciences courses for preparation of students going into STEM fields and for transferal to 4-year university science programs upon completion at Jefferson College. Mathematics, chemistry, and physics courses deemed significant for adequate STEM field preparation.

### Admission Requirements
Adequate scores on COMPASS test, adequate high school transcript, successful completion of electives, and first-year experience courses.

### Department Faculty Advisors
Wesley Whitfield, Sean Birke
Employment Outlook/Median Salary*:

<table>
<thead>
<tr>
<th>Career</th>
<th>Degree Level Required</th>
<th>** Growth</th>
<th>Median Annual Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemist</td>
<td>Bachelor</td>
<td>6%</td>
<td>$73,060</td>
</tr>
<tr>
<td>Chemical engineer</td>
<td>Bachelor</td>
<td>4%</td>
<td>$94,350</td>
</tr>
<tr>
<td>Natural Science Manager</td>
<td>Bachelor</td>
<td>6%</td>
<td>$115,730</td>
</tr>
</tbody>
</table>

**Projected % of change in employment 2012-2022; the average for all occupations is 11%.

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 all inclusive and is subject to change. Additional information regarding transfer agreements for individuals seeking a bachelor of science in chemistry can be found by clicking [here](#).