## Secondary STEM Education

### Minor Contact
- Jeffrey Carver (Jeffrey.Carver@mail.wvu.edu)

### Minor Code - U184

A minimum GPA of 2.75 is required in coursework applied to the minor.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARSC 120</td>
<td>Inquiry Approaches to Teaching</td>
<td>1</td>
</tr>
<tr>
<td>ARSC 220</td>
<td>Inquiry-Based Lesson Design</td>
<td>1</td>
</tr>
<tr>
<td>UTCH 221</td>
<td>Knowing and Learning in Mathematics and Science</td>
<td>3</td>
</tr>
<tr>
<td>UTCH 322</td>
<td>Classroom Interactions in Math and Science</td>
<td>3</td>
</tr>
<tr>
<td>UTCH 420</td>
<td>Project-Based Instruction in Mathematics and Science</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:
- MATH 318 Perspectives on Mathematics and Science
- UTCH 440 STEM Teaching Seminar

Select one of the following:
- BIOL 376L Research Methods Laboratory
- CHEM 376L Research Methods Laboratory
- CS 376 Research Methods
- GEOL 376L Research Methods Laboratory
- MATH 376 Foundations, Functions and Regression Models
- PHYS 376L Research Methods Laboratory

**Total Hours** 17

*Students planning to certify through an alternative certification program after graduation should take this course*