### Integrated Studies Requirements

40 credits minimum

### STEM for K-6th Grade Educators

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Completed</th>
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<tbody>
<tr>
<td></td>
<td><strong>Major Requirements (36 Credits)</strong></td>
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<tr>
<td><strong>Science &amp; Technology Core Courses</strong> (20 Credits)</td>
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<tr>
<td>INPHYS-201</td>
<td>Phenomenal Science</td>
<td>4</td>
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<tr>
<td></td>
<td><strong>Space Systems</strong></td>
<td></td>
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<tr>
<td>INASTR-101</td>
<td>Intro to Planetary Astronomy</td>
<td>4</td>
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<tr>
<td>INASTR-102</td>
<td>Intro to Stellar Astronomy</td>
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<tr>
<td></td>
<td><strong>Earth and Climate Systems</strong></td>
<td></td>
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<tr>
<td>INMET-225</td>
<td>Meteorology</td>
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<tr>
<td>INENST-201</td>
<td>Earth Cycles &amp; Systems</td>
<td></td>
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<tr>
<td>INENST-300</td>
<td>Geoscience Issues &amp; Society</td>
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<tr>
<td>ISENST-205</td>
<td>Environmental Geography</td>
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<tr>
<td></td>
<td><strong>Biological Sciences</strong></td>
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<tr>
<td>INBIO-110</td>
<td>Cells and Molecules</td>
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<tr>
<td>INBIO-111</td>
<td>Evolution &amp; Ecology</td>
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<td></td>
<td><strong>Light and Matter Sciences</strong></td>
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<tr>
<td>INCHEM-100</td>
<td>Introduction to Chemistry</td>
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<tr>
<td>INCHEM-111</td>
<td>General Chemistry</td>
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<tr>
<td>INOPTC-101</td>
<td>Introduction to Optics</td>
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<td></td>
<td><strong>Mathematics Core Courses (12 Credits)</strong></td>
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<tr>
<td>MATH-141</td>
<td>Introductory Statistics</td>
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<tr>
<td>MATH-112</td>
<td>Precalculus</td>
<td>4</td>
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<tr>
<td>or MATH-211</td>
<td>Calculus I</td>
<td></td>
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<tr>
<td>MATH-181</td>
<td>Comp Tools for Problem Solving</td>
<td>4</td>
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<td></td>
<td><strong>STEM Capstone</strong></td>
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<th>Code</th>
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<tbody>
<tr>
<td>EDUC-442</td>
<td>Integrating Stem in the Class</td>
<td>4</td>
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</tbody>
</table>

**Total Credits**

36

### Teacher Licensure

Only Elementary Education (K-6) students can declare this major to meet the requirement for the liberal arts major. This is not a stand-alone major, so students must meet the requirements for the elementary education major to have this as their second liberal arts major. Please see the catalog for details on Elementary Education requirements: https://catalog.keene.edu/bachelors-degree-programs/ Only Elementary Education (K-6) students can declare this major to meet the requirement for the liberal arts major. This is not a stand-alone major, so students must meet the requirements for the elementary education major to have this as their second liberal arts major. Please see the catalog for details on Elementary Education requirements: https://catalog.keene.edu/bachelors-degree-programs/

### Electives

Select courses to reach a total of 120 credits for the degree

### Degree Requirements

120 credits

40 credits at the upper-level