**RESIDENTIAL TRANSITION TO TEACHING PROGRAM**

**SCIENCE EDUCATION**

*(Earth/Space Sciences)*

**Grade Levels 5-12**

**REPA 3**

**PROGRAM AREA CONTACT:** Dean Ballotti ([ballotti@purdue.edu](mailto:ballotti@purdue.edu))

**PROGRAM ADMISSION ELIGIBILITY PATHWAYS**

To be eligible for program admission one (1) of the following entrance qualifications must be met:

1. A graduate degree in the subject area you wish to teach.
2. A bachelor’s degree with a GPA of at least 3.00/4.00 in the subject area you wish to teach.
3. A bachelor’s degree with a GPA of 2.50/4.00 and 5 years of professional work experience in the subject area you wish to teach.
4. A bachelor’s degree and a passing score on the Pearson Indiana Secondary (Grades 5-12) Content Test(s) in the subject area you wish to teach.

**Compatible Areas/Acceptable Undergraduate Majors**

Various Sciences fields of study

**Compatible Work Experience**

If the undergraduate overall GPA is between 2.5 and 2.9 at the time of the completion of the degree, documentation is required to verify a minimum of five years of work experience in a related field.

**Content Knowledge Assessed/Transcript Evaluation**

Earth/Space Sciences Education Residential TTT applicants will be required to demonstrate knowledge and application of the following Earth/Space Sciences content areas:

- Astronomy and Atmospheric Science
- Earth Materials
- General Chemistry
- Physical Earth
- Plate Tectonics
- Earth History
- Earth Sciences
- Geology Field Experience
- Physics
- Surface Processes

**PROFESSIONAL EDUCATION**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDCI 59100</td>
<td>Transition to Teaching: Pedagogy I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Select one of the following:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDCI 50600</td>
<td>Environmental Education (3)</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 51700</td>
<td>Survey of Science Education (3)</td>
<td></td>
</tr>
<tr>
<td>EDCI 51800</td>
<td>The Nature of Science in Science Teaching (3)</td>
<td></td>
</tr>
<tr>
<td>EDCI 60800</td>
<td>Individualizing Instruction in the Elementary and Secondary Schools (3)</td>
<td></td>
</tr>
<tr>
<td>EDCI 42400</td>
<td>The Teaching of Earth and Physical Science in the Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 58500</td>
<td>Multicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>EDPS 53000</td>
<td>Advanced Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 69500</td>
<td>Internship in Education*</td>
<td>3</td>
</tr>
</tbody>
</table>

*The EDCI 69500 Internship in Education spans 16 weeks.*