

**RESIDENTIAL
TRANSITION TO TEACHING PROGRAM**

**SCIENCE EDUCATION
(Earth/Space Sciences)**

**Grade Levels 5-12
REPA 3**

NOT VALID WITHOUT OFFICIAL TRANSCRIPT EVALUATION

PROGRAM AREA CONTACT: Dean Ballotti (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

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

Total 18

*The EDCI 69500 Internship in Education spans 16 weeks.