RESIDENTIAL TRANSITION TO TEACHING PROGRAM

MATHEMATICS EDUCATION

Grade Levels 5-12
REPA 3

PROGRAM AREA CONTACT: Rachael Kenney (rhkenney@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 Mathematics 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
Mathematics Education Residential TTT applicants will be required to demonstrate knowledge and application of the following Mathematics content areas:

- Algebra
- Calculus
- Geometry
- Plane Analytic Geometry and Calculus
- Statistics and Probability
- Analysis
- Differential Equations
- Linear Algebra
- Programming

PROFESSIONAL EDUCATION

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EDCI 59100</td>
<td>Transition to Teaching: Pedagogy I</td>
<td>3</td>
</tr>
<tr>
<td>EDCI 42500</td>
<td>Teaching of Mathematics in Secondary Schools</td>
<td>3</td>
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<tr>
<td>EDCI 42600</td>
<td>Teaching Mathematics in the Middle and Junior High School</td>
<td>2</td>
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The seven (7) remaining credits of the pedagogical core will be identified based on the TTT candidate’s professional experiences and interests. Specific courses will be formalized after consultation with a faculty advisor in Mathematics.

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<tr>
<td>EDCI 69500</td>
<td>Internship in Education*</td>
<td>3</td>
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*The EDCI 69500 Internship in Education spans 16 weeks.

Total 18