

**RESIDENTIAL  
TRANSITION TO TEACHING PROGRAM  
Grade Levels 5-12**

<b>NOT VALID WITHOUT OFFICIAL TRANSCRIPT EVALUATION</b>
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**SCIENCE EDUCATION  
(Chemistry)  
REPA 3**

**PROGRAM AREA CONTACT:** Please contact [licensure@purdue.edu](mailto:licensure@purdue.edu) for a contact.

**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 [ETS Praxis Secondary Subject/Content Exam](#) 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**

Chemistry Education Residential TTT applicants will be required to demonstrate knowledge and application of the following Chemistry content areas:

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| <ul style="list-style-type: none"> <li>• Analytical Chemistry (includes laboratory as part of course)</li> <li>• Calculus</li> <li>• Inorganic Chemistry (includes laboratory as part of at least one of the courses)</li> <li>• Physics</li> <li>• Physical Chemistry and Laboratory</li> </ul> | <ul style="list-style-type: none"> <li>• Biochemistry</li> <li>• General Chemistry</li> <li>• Organic Chemistry and Laboratory</li> <li>• Plane Analytic Geometry and Calculus</li> </ul> |
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**PROFESSIONAL EDUCATION**

			<b><u>Credit Hours</u></b>
EDCI	59600	Transition to Teaching: Pedagogy I	3
<b><i>Select one of the following:</i></b>			<b>3</b>
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	58500	Multicultural Education <sup>2</sup>	3
CHM	50200	Modern Chemistry in the High School	3
EDPS	53000	Advanced Educational Psychology <sup>2</sup>	3
EDCI	69500	Internship in Education <sup>1</sup>	3

**Total 18**

### **Important Notes**

<sup>1</sup>The EDCI 69500 Internship in Education spans 16 weeks.

<sup>2</sup>The faculty advisor may recommend suitable, alternative courses based on course availability and individual candidate's professional experiences and interests. Advance approval by the faculty advisor is required prior to enrolling.

It is possible to complete the program in 15 months if a candidate completes EDCI 59300 and at least one of the general education courses (EDCI 58500 and EDPS 530000) in the first summer; one of the science education electives and CHM 50200 in the fall; EDCI 69500 in the spring; and EDCI 59400 and the rest of the course requirements, if any, in the second summer.

C- or above is required as the final grade in all graduate-level courses