SCIENCE EDUCATION
(Life Science – Biology)

TRANSITION TO TEACHING PROGRAM

Grade Levels 5-12
REPA 3

PROGRAM ELIGIBILITY

In order to be eligible one (1) of the following entrance qualifications must be met in order to apply to the program:

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

- Cell Structure, Function, and Laboratory
- Development, Structure, Function of Organisms, and Laboratory
- Ecology
- Organic Chemistry and Laboratory (two semesters)
- Genetics, Molecular Biology, and Laboratory
- Diverse areas of Biology (one of the following)
  - General Microbiology
  - Principles of Development
- Computer Programming, Statistics, or Probability
- General Chemistry and Laboratory (two semesters)
- Diversity, Ecology, Behavior, and Laboratory
- Physics and Laboratory (two semesters)
- Plane Analytic Geometry and Calculus I
- Macromolecules
- Principles of Physiology

PROFESSIONAL EDUCATION

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EDCI 59300</td>
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Select one of the following:

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<th>Hours</th>
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<tr>
<td>EDCI 50600</td>
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<td>EDCI 51700</td>
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<td>EDCI 51800</td>
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NOT VALID WITHOUT OFFICIAL TRANSCRIPT EVALUATION
(Life Science – Biology Education TTT continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>BIOL 59500</td>
<td>Special Assignments</td>
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<tr>
<td>EDPS 53000</td>
<td>Advanced Educational Psychology</td>
<td>3</td>
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<tr>
<td>EDCI 58500</td>
<td>Multicultural Education</td>
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<tr>
<td>EDCI 69500</td>
<td>Internship in Education*</td>
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<tr>
<td>EDCI 59400</td>
<td>Concluding Secondary Transition to Teaching Seminar</td>
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**Total 18**

*The EDCI 69500 Internship in Education spans 10 weeks.*