

**SCIENCE EDUCATION
(Life Science – Biology)**

TRANSITION TO TEACHING PROGRAM

**Grade Levels 5-12
REPA 3**

NOT VALID WITHOUT OFFICIAL TRANSCRIPT EVALUATION

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
- 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
- Diverse areas of Biology (one of the following)
 - General Microbiology
 - Principles of Development
 - Macromolecules
 - Principles of Physiology

PROFESSIONAL EDUCATION

EDCI 59300 Introductory Secondary Transition to Teaching Seminar

**Semester
Hours**

1

Select one of the following:

EDCI 50600 Environmental Education (3)
EDCI 51700 Survey of Science Education (3)
EDCI 51800 The Nature of Science in Science Teaching (3)

3

(Life Science – Biology Education TTT continued)

BIOL	59500	Special Assignments	3
EDPS	53000	Advanced Educational Psychology	3
EDCI	58500	Multicultural Education	3
EDCI	69500	Internship in Education*	3
EDCI	59400	Concluding Secondary Transition to Teaching Seminar	2

Total 18

*The EDCI 69500 Internship in Education spans 10 weeks.