

**SCIENCE EDUCATION  
(Physics)**

**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**

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

- General Chemistry
- Physics (Electricity and Magnetism)
- Physics (Mechanics)
- Physics (Quantum Mechanics)
- Modern Physics and Laboratory
- Physics (Mathematical Methods)
- Physics (Optics/Waves and Oscillations)

**PROFESSIONAL EDUCATION**

|  |       |   | <b><u>Semester<br/>Hours</u></b> |
|--|-------|---|----------------------------------|
| EDCI                                       | 59300 | Introductory Secondary Transition to Teaching Seminar                   | 1                                |
| <b><i>Select one of the following:</i></b> |       |   | 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                                       | 58500 | Multicultural Education   | 3                                |
| EDPS                                       | 53000 | Advanced Educational Psychology   | 3                                |
| PHYS                                       | 57000 | Selected Topics in Physics  | 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.