

# PHYSICS EDUCATION CERTIFICATE

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## Purpose

The purpose of the Certificate in Physics Education is to provide an option for teachers who desire a dual science endorsement to teach physics courses in grades 6-12 or teacher candidates who are enrolled in a teacher preparation program that leads to initial licensure in another science discipline in grades 6-12. This licensure certificate leads to a Virginia endorsement and is intended to prepare teachers with a current science endorsement to serve in Physics classrooms.

## Program Learning Outcomes

The student will be able to:

- Understand fundamental physics principles as well as foundational concepts within its branches of mechanics, electromagnetism, thermodynamics, and quantum mechanics.

## Program of Study

### Delivery Format: Online Only

- Physics Education Certificate - Online

## Career Opportunities

- Physicist
- Physics Department Chair
- Physics Curriculum Developer
- Research Assistant
- Secondary Education Physics Teacher

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*Additional education or training may be required for some jobs or occupations. Conferral of a certificate does not guarantee job placement.*