Physics Education

With skilled science teachers in high demand throughout the United States, Physics Education graduates enjoy outstanding career opportunities. That?s especially true for students who earn their degree at Delaware State --- we have a reputation for excellence in teacher preparation, so our students have a competitive edge in the job market. Many of our Physics Ed majors have jobs waiting for them upon graduation, and they get recruited by school districts throughout Delaware and, at times, out of state.

The Physics Education program combines theoretical knowledge with hands-on experience. Students develop superior teaching skills by

- completing more than 20 credit hours of education-related coursework
- spending an entire semester as a student teacher in a real-world classroom

The program also covers the full range of basic subject matter in physics, with coursework in mechanics, optics, astronomy, magnetism, thermodynamics, and nuclear physics. Graduates enter the work force with mastery over the material, as well as the ability to make physics interesting, exciting, and relevant to 21st-century high school students.

Professional Preparation

The Physics Education program meets all standards of the National Science Teacher Association and the National Council for Accreditation of Teacher Education. Students learn the most current approaches to the teaching of science at the high school level, while learning techniques in

- classroom management
- educational psychology
- the use of technology in the classroom

Faculty

Physics faculty at Delaware State are highly committed to undergraduate education. Our professors teach their own courses and spend many hours in direct, one-on-one interactions with students. They also are accomplished researchers engaged in high-level inquiries for major funders such as NASA, the Department of Defense, and the National Science Foundation. The physics faculty is extremely diverse, uniting scholars from Asia, Europe, Africa, North and South America.

Research and Experience

Physics Education majors at Delaware State gain practical classroom experience during the senior year, spending a full semester in a student-teaching placement. They also have

opportunities to get involved in on-campus laboratory research. Students are encouraged to apply for internships, interact with scholars and professionals via seminars, and take part in peer activities.

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