THE UNIVERSITY OF RHODE ISLAND COLLEGE OF ARTS AND SCIENCES

PHYSICS





Mark Semco, left, an undergraduate involved in biophysics research, is seen here with Michael Antosh, assistant professor of physics. Here they are working with a dosimeter, which measures radiation levels. The goal of their research is to find a way to use less radiation in cancer treatments and reduce the side effects of radiation in patients.

THINK BIG

Physics is a field that knows no limits.

It encompasses the study of everything we know about the world around and beyond us, from the largest galaxies to the smallest subatomic particles. Studying physics cultivates inventive thinking and analytical and problem solving skills that provide a strong basis for a variety of careers, from medicine to finance to astronomy. Many of our world's most pressing and complex problems -- from health crises to sustainable energy solutions -- are being solved by professionals with a background in physics.

Degree Programs:

- · Bachelor of Science in Physics
- Bachelor of Science in Physics and Physical Oceanography

At URI, you have options.

A B.S. in physics will give you a solid foundation in theoretical and experimental physics, preparing you for graduate study or a career as an industry or government physicist. A B.S. in physics and physical oceanography allows you to take advantage of the research and teaching infrastructure at one of the most renowned schools of oceanography in the country. Lastly, our developing program in Quantum Information Science will provide rigorous training in essential undergraduate physics and graduate courses leading to a 5-year BS(Physics)/MS(Quantum Computing) degree.

We're now offering a BS/MS in Quantum Computing!

Researchers are currently on the threshold of being able to overcome the inherent fragility of quantum computation. At the same time, advances in quantum circuitry and algorithms are being proposed that will have a significant impact on all aspects of our lives. Our Quantum Computing Program aligns closely with the strategic goals of the National Quantum Initiative Act: We are partnering with industrial firms and institutes to ensure that our graduates have the required foundation for employment or further education in this rapidly advancing field.

WE DO^{ss}

For more information: web.uri.edu/physics

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