PHYSICS
Your path to the future.

A bachelor's degree in physics helps big-question thinkers like you understand the physical world on a deeper level.

DUQUESNE UNIVERSITY
Bayer School of Natural and Environmental Sciences
Two degrees—unlimited career options.

Interested in working in the growing fields of science, technology or engineering? Or perhaps you want to inspire the next generation of scientists as a teacher? Our bachelor's degrees in physics can help get you there.

Duquesne's Bachelor of Science in Physics can lead to a variety of exciting careers, including jobs at high-tech companies—potentially earning you a top-figure salary right out of college. Our program allows you to choose from three areas of specialization: astronomy, condensed matter and K-12 education.

For students with a broader range of interests, our Bachelor of Arts in Physics could be your answer. With fewer physics credits and more general electives, Duquesne's B.A. will help prepare you to attend law or medical school with greater chances of achieving high entrance exam scores.

Dual-degree opportunities are also available:
- Binary engineering program – B.A. in Physics/B.S. in Engineering
- Physics teacher program – B.A. or B.S. in Physics/M.S. Ed. in Secondary Education

Visit duq.edu/physics/undergraduate for more information.

Dedicated teacher–scholars provide support from day one.

A physics faculty mentor will guide you through your program choices.

Duquesne’s professors have a long history of teaching excellence and are committed to addressing the individual needs of every student—that’s why, from the start of your program, you will be assigned to a physics faculty mentor in addition to your academic advisor. Plus, our small class sizes allow you to receive the individualized attention you need, making you an important part of the Duquesne physics family immediately.

Our world-class faculty conduct research in magnetic materials, ultra-cold atoms, quarks and gravitational waves. Their research has been sponsored by the National Science Foundation, the Department of Energy, the Thomas Jefferson National Accelerator Facility and the Research Corporation for Science Advancement, among others.

Visit duq.edu/physics/faculty for more information.

Your bright future is within reach.

From the moment you start classes at Duquesne, we stand ready to help you succeed.

Whether you know exactly what you want to do with your physics degree, or need some guidance along the way, Duquesne’s dedicated Center for Career Development staff are here to help. In addition to your faculty mentor, the University’s Center for Career Development can help connect you to internships, job fairs and research opportunities.

Duquesne’s physics graduates work in various industries and at great companies like SpaceX, Lockheed Martin and BAE Systems. Their job titles include:
- High School Physics Teacher
- Mechanical/Electrical Engineer
- Medical Physicist
- Optical Physicist
- Patent Examiner
- Programmer
- Test Engineer

And, according to the American Institute of Physics, typical starting salaries for students who hold a bachelor’s degree in physics are between $45,000 - $70,000 per year, comparable to aerospace, chemical and electrical engineering majors.

Check out duq.edu/career-development for more information.

A PHYSICS DEGREE BY THE NUMBERS:

- 49% of graduates enter the workforce immediately after graduation
- 25% of graduates enter a PhD program in physics at institutions like Caltech, Rice University, and Carnegie Mellon University
- 26% of graduates enter a graduate program in another professional field

A great education at a great value.

A Duquesne physics degree is an investment in your future, and financial aid is available to help make your education a reality.

In fact, Duquesne has the lowest tuition and fees of any independent institutions in the country. In addition, underrepresented students may also apply for a four-year, full tuition scholarship through the Bayer School Scholars program.

When you choose Duquesne, you can be confident that independent sources including U.S. News & World Report and Washington Monthly all rank Duquesne as a best value university. In fact, 98% of freshmen receive some form of financial assistance.

Visit duq.edu/financial-aid-for-details for more information.

Pittsburgh
A great city for a career in physics.

Duquesne's hometown of Pittsburgh offers an abundance of leading technology, research and medical companies. In fact, there are more than 25,000 jobs available right now in the Pittsburgh region across a variety of industries. As a Duquesne graduate, you'll have access to established companies and agencies eager for the talent and skills that you'll bring to the job.

And while Pittsburgh is a great place to work, it's a great place to live, too. In fact, Pittsburgh has been ranked No. 5 on the list of “Top U.S. Downtowns” by livability.com. We're a food town, a cultural town, a major sports town and so much more.

Learn more at duq.edu/pittsburgh.

Madeline Gallearith
B.S. Physics, B.A. Computer Science '18
2017-2018 Goldwater Scholar

“I was absolutely thrilled to be recognized as a Goldwater scholar—it is the highest honor I could receive as an undergraduate studying in the STEM fields. It highlights my abilities to do meaningful research at the undergraduate level here at Duquesne.”

Mireille Muhoza
B.S. Physics '18

“Becoming part of Duquesne’s Bayer School has been one of the most rewarding decisions of my life. Here, I am given a chance to be a scientist, and to grow professionally and spiritually as an individual.”

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By studying physics at Duquesne, you will gain analytical, computational and problem-solving skills you need for future success. Beginning your freshman year, you’ll be able to conduct hands-on research that will provide you with sophisticated laboratory experience not available everywhere at the undergraduate level. Throughout your time at Duquesne, you’ll have access to opportunities that will make you stand out, including teaching and lab assistant jobs within the department.
About Duquesne

A nationally ranked Catholic university, Duquesne is recognized for its outstanding academic and research programs. The University has earned accolades from U.S. News & World Report, Princeton Review, Bloomberg Businessweek and Washington Monthly Magazine. Situated in the heart of downtown Pittsburgh, Duquesne is home to about 9,500 students in 80 undergraduate and 90 graduate programs across nine schools of study.