



# PHYSICS

## BGSU COLLEGE OF ARTS AND SCIENCES

The physics program provides scientific skills in experimental investigation and theoretical understanding of the properties of matter and energy and the laws that govern them. A physics degree is a gateway to a broad range of careers in science, engineering, technology, government, higher education and research. BGSU's Bachelor of Science in Physics readies students for graduate school and a career in academia, while our new Bachelor of Arts in Physics prepares students for a career in industry and adds courses in computer-aided design and computer science.

### College of Arts and Sciences – Physics

#### Points of Pride

- Physics majors enjoy the personalized attention of small class sizes.
- The Society of Physics Students is a student social organization that plans public outreach events and trips to physics and astronomy venues, such as NASA's Glenn Research Center and Fermilab.
- Every physics student will spend at least two semesters in a research lab working on a Capstone Project, with many presenting at local, regional, or national physics or astronomy conferences.
- All physics majors are encouraged to take PHYS 1910 in the fall of their freshman year to learn more about our department, our research, the careers that are available, and the pathways that lead students there.
- In the last few years, our faculty have won university-wide awards including Professor of Research Excellence, Outstanding Early Career Award, Lifetime Achievement Award, and the Elliott L. Blinn Award for Faculty-Undergraduate Student Innovative Basic Research.



**Students may want to consider a minor or second major in the following areas:**

- Astronomy
- Chemistry
- Computer Science
- Data Science
- Environmental Science
- Geology
- Mathematics
- Science

#### What can I do with this major?

Physics graduates pursue careers in the following areas:

- Astronomy
- Computer Science
- Data Science
- Education
- Engineering
- Finance
- Geology
- Medicine
- Product Design
- Telecommunications

### A Public University for the Public Good

The Department of Physics and Astronomy serves the public good by promoting scientific literacy in our students and the public. The department prepares students to meet the scientific and technical needs of the 21st Century and performs research to help solve critical national and global problems, such as developing the next generation of materials for energy-efficient lighting, solar photovoltaic cells, and quantum computing.

#### For more information

**Physics**  
**419-372-2421**  
**[bgsu.edu/physics](http://bgsu.edu/physics)**

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