

Department of Physics and Astronomy

Undergraduate Degree Programs

- [Bachelor of Science in Physics](#)
- [Astronomy Minor](#)
- [Physics Minor](#)

Careers in Physics and Astronomy

The Department of Physics and Astronomy graduates often attend graduate school to pursue either M.S. or Ph.D. degrees in Physics, Astronomy, Mathematics, Education, Material Science, or an Engineering discipline. Some of the department's alums have pursued advanced degrees in medicine. Graduates who decide on a career outside of graduate education typically find work at companies specializing in technology. Recent graduates are currently employed at Eastman Chemical Company, Cellular Sales Inc., and Hawkins County School System. Graduates who are pursuing advanced degrees are attending graduate school at Clemson University, University of Tennessee, and Georgia Tech. A full listing of the careers our alumni are pursuing can be found at:

etsu.edu/cas/physics/alumni.php.

For more career information associated with this program, visit the Occupational Outlook Handbook (OOH) at bls.gov/ooh/.

Program Highlights

- The Department of Physics and Astronomy is well known for including undergraduate students in research. Many students have presented papers at professional scientific conferences and have been authors of scientific articles in refereed journals.
- There are more astronomers and astrophysicists at ETSU than any university in the southeast of the USA.
- The department is a founding member of the Southeastern Association for Research in Astronomy (SARA). The SARA Consortium operates research-grade telescopes on Kitt Peak in Arizona and at Cerro Tololo in Chile. In addition, the department owns and operates a 14-inch telescope at the campus observatory (etsu.edu/cas/physics/observatory/default.php).
- The faculty are actively involved in carrying out sophisticated computational modeling and data analysis in a variety of areas in physics and astronomy.

Points of Interest

- The Department of Physics and Astronomy at ETSU carries out a variety of public service activities throughout the year. Details of this public outreach can be found at the department's website at etsu.edu/cas/physics/ by selecting the "Public Outreach" pull-down menu at the top right of the web page.
- In 2015, the Department of Physics and Astronomy at ETSU was recognized by the American Institute of Physics for being a leader of undergraduate-only physics departments in the number of students who graduated with a B.S. degree in Physics.

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