



College of Arts & Sciences

Physics & Astronomy

pa.as.uky.edu

WHAT CAN A MAJOR IN PHYSICS & ASTRONOMY AT UK DO FOR YOU?

Physics is the study of matter, energy, motion, and force. Astronomy is the study of celestial objects, space, and the physical universe as a whole. Many students study Physics & Astronomy because they enjoy it, and they find that it is exciting and intellectually stimulating. Physics majors develop the problem-solving and analytic skills that many employers value, allowing many of our graduates to enter the workforce directly, while some of our graduates continue their studies with graduate work in physics or related areas.

PHYSICS & ASTRONOMY MAJORS ARE ABLE TO:

- Think creatively, critically, analytically, numerically and logically
- Process and understand numerical data
- Communicate scientifically
- Make logical deductions and compelling arguments
- Conduct scientific research and discover new knowledge
- Apply scientific concepts and methods to solve problems facing society
- Design experiments, experimental equipment, and techniques
- Master computers and technology in order to achieve useful ends

PHYSICS & ASTRONOMY MAJORS GO ON TO BECOME:

- Research Physicists in Industry & Government
- Astrophysicists at National Observatories
- Teachers & Education Administrators
- Medical Physicists & Radiologists
- Computer Analysts & Programmers
- Financial & Investment Analysts & Managers
- Environmental Scientists & Engineers
- Meteorologists, Oceanographers,
- Geophysicists
- R&D Engineers and Leaders
- Science Writers & Editors
- Instrument Engineers
- Astronauts
- Lawyers
- Navigation Specialists
- Biomedical Engineers
- Technical Consultants

To learn more about majoring in Physics & Astronomy contact Dr. Renee Fatemi at rfatemi@pa.uky.edu or visit pa.as.uky.edu.