COTTEY

What Can I Do With A Major In . . .?

Physics

Physics involves the study of matter and energy. Physics students attempt to find out how and why physical matter and energy interact. You study the basic laws of nature, including mechanics, sound, electricity and magnetism, optics, heat, and quantum theory. Physics majors explore matter and systems, and the particles within them to see how they exchange energy and momentum with their surroundings, exert forces on one another, and move under the influences of these forces.

IS THIS MAJOR FOR YOU?

You might like this major if you also like: math; computers; electronics; abstract thinking; learning about the natural world; solving puzzles

Consider this major if you are good at: attention to detail; math; problem solving; spatial thinking; quantitative analysis; organizing

EMPLOYMENT SETTINGS

- Colleges and universities
- Secondary schools
- Government and non-profit agencies
- Corporations
- Public and private research groups
- Health services

SAMPLE OCCUPATIONS

- Physicist
- Research and Development Scientist
- Engineer
- Environmental Health Specialist
- Educator
- Astronomer
- Meteorologist
- Hydrologist
- Computer Specialist
- Technical Consultant

ACADEMIC ASSISTANCE CENTER RESOURCES

Career Opportunities in Science

Careers in Science

Opportunities in Engineering Careers

Opportunities in Aerospace Careers

Careers for Number Crunchers and Other Quantitative Types

TYPICAL COURSES IN THIS MAJOR

- General Physics
- Calculus
- Modern Physics
- Classical Mechanics
- Electricity and Magnetism
- Thermodynamics
- Nuclear Physics
- Wave Motion
- Statistical Mechanics

OTHER MAJORS YOU MIGHT LIKE

- Astronomy
- Mathematics
- Astrophysics
- Philosophy
- Computer science
- Nuclear engineering
- Civil engineering

WEBSITES TO VISIT

American Institute of Physics
www.aip.org

American Physical Society
www.aps.org

Physics and Astronomy Online
www.physlink.com

American Institute of Physics Weekly News
http://newton.ex.ac.uk/aip/