



What can I do with a major in Physics & Natural Science

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The information below describes typical occupations and employers associated with this major.

Understand that some of the options listed below may require additional training.

Moreover, you are not limited to these options alone when choosing a possible career path.

Description of Physics & Natural Science

The Department of Physics & Natural Science offers degrees in Physics, Engineering Physics, and Natural Science. The Bachelor of Science degree in Natural Science requires a combination of courses from the three natural sciences (biology, chemistry, and physics). The Department also offers, in conjunction with the Department of Education, a five-year program leading to a Bachelor of Science in Natural Science, a Master of Arts in Teaching degree, and teaching licensure in Physics or Physics and Mathematics for grades 7 through 12.

As an Engineering Physics and Physics major you can participate in the activities of the Society of Physics Students, the National Student Association of the American Institute of Physics. Natural Science majors can participate in the activities of the Beta Beta Beta Biological Society, the Student Affiliate of the American Chemical Society, and the Society of Physics Students chapter of the American Institute of Physics.

The Department uses a combination of in-class instruction, in-class demonstrations, regular collected homework, computer-assisted homework and laboratory experiments to educate students in the workings of Nature. In addition to the courses in the Physics Department, you also have easy access to courses in the Chemistry, Mathematics and Computer Science Departments of the School of Sciences and to courses in the School of Engineering.

Possible Job Titles of Physics & Natural Science Graduates (Includes Full-Time, Internships & Co-Ops)

*(*Jobs secured as reported by CBU Career Services post-graduate survey)*

| | | |
|----------------------------|--------------------------|----------------------------|
| Aerospace Testing | Fluid Physicist | Professor |
| Astronomer | Industrial Hygienist | Research Technician* |
| Astrophysicist | Medical Physicist | Research Physicist |
| Analyst* | Molecular Physicist | Satellite Data Analyst |
| Biomedical Engineer* | Nuclear Physicist | Satellite Missions Analyst |
| Cancer Field Technician* | Nuclear Plant Manager | Safety Consultant |
| Atomic Physicist | Optical Devices Designer | Science Writer |
| Biophysicist | Optical Physicist | Seismologist |
| Cardiac Imaging Researcher | Particle Physicist | Solid State Physicist |
| Cell Phone Manager* | Physics Researcher | Stratigrapher |
| Geophysicist | Naval Officer* | Teacher* |
| Health Physicist | Physiognomist | Technical Director* |
| Chemical Physicist | Plasma Physicist | Vector Control* |
| Engineer | Post-Doctoral Fellow | |
| Engineering Technician | Programmer* | |

Possible Employers and Employment Settings for Physics & Natural Science Graduates (Includes Full-Time, Internships & Co-Ops)

(*Jobs secured as reported by CBU Career Services post-graduate survey)

| | | |
|---------------------------------------|----------------------------------|------------------------------------|
| Administration | Environmental Protection Agency | Patent Office |
| Ahlberg Engineering, Inc. | Food & Drug Administration | Private & Non-Profit Organizations |
| Aircraft & instrument manufacturers | Government Agencies/Departments* | Production facilities |
| BUNAC* | Health care facilities | Research and Development |
| Case Western Reserve* | Information/Technology companies | Scientific Journals |
| Centers for Disease Control | Jan Bell Marketing | Shelby County Health Department* |
| Chemical manufacturers | Mississippi Teachers Corps* | Teach for America* |
| Defense manufacturing companies | NASA | Technical consulting firms |
| Department of Health & Human Services | National Bureau of Standards | Testing labs |
| Educational Institutions | National Institutes of Health | TSYS* |
| Electrical equipment companies | National Science Foundation | U.S. Air Force* |
| Engineering firms | Occupational Safety & Health | |

Skill Sets and Interests Associated with Physics & Natural Science Majors

Analytical Skills
Problem-Solving Skills
Communication Skills
Time Management Skills

Top Career Services Resources for Physics & Natural Science Majors

Career Resources Library (Buckman 207)
CareerLinX: <https://cbu-csm.symlicity.com/students/>
Memphis Business Journal, Book Of Lists

Sign up for a free account and find out what careers you might be a fit for using:

TypeFocus: www.typefocus.com (Access Code: CBU8998)
SIGI 3: www.tinyurl.com/cbusigi

CBU Campus Contacts Associated with Physics & Natural Science

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Additional Resources/Contacts for Physics & Natural Science Majors

American Institute of Physics (AIP): <http://www.aip.org/>
American Journal of Physics: <http://www.amherst.edu/~ajp/>
Physics Jobs On-Line: <http://physicsweb.org/>