

# Physics

*The physics major provides a background in physical principles, the observation of natural processes, the logic and nature of science, and the diverse applications of physics. The major requirements are flexible and can be structured to meet the interests of individual students.*

### Related Careers:

Business	Engineering, Research and Development, Project Management, Quality Control
Government Labs /Private Research Centers	Research
Health Sciences	Medical Doctor, Research
Education	Secondary and College Teaching
Technology / Computer Science	Software Development, Computer Specialist
Additional fields to consider:	Astronomy, Patent/Intellectual Property Law, Environmental Science

### Where do Clark Physics majors intern?

- Research Assistant, NASA Goddard Space Flight Center, Greenbelt, MD
- Intern, Parametric Technology Corporation, Needham, MA
- Intern, Mercantila, Inc., CA
- Research Intern, Stockholm Environment Institute, Somerville, MA
- Summer Intern, Parametric Technology Corporation, Needham, MA
- Intern, Storage Works, EMC, MA
- Intern Physics Teacher, South High Community School, MA
- Summer Intern, Parametric Technology Corporation, MA
- Research Asst., Clark University
- Intern, Watertown Public Schools

### Where do Clark Physics majors attend graduate school?

- Ph.D, Physics, Brown University
- M.S. / Ph.D., Mechanical Engineering, Northeastern University
- Ph.D., Physics, University of Chicago
- Ph.D., Physics, Boston University
- M.S., Materials Science and Engineering, Rensselaer Polytechnic Institute
- M.S., Mechanical Engineering, W.P.I.
- M.S., Nuclear Engineering, UMass Lowell
- M.S. / Ph.D., Biophysics, University of Rochester School of Medicine and Dentistry
- M.A., Energy & Environmental Analysis, Boston University
- M.B.A., The Tuck School of Business, Dartmouth College

### What do Clark Physics majors do?

- Energy Manager, Arlington County, VA
- Web Application Developer, Networked Information Services
- Lab and Field Assistant, Virginia Tech Plant Genomics Lab
- Lecturer in Nuclear Physics, Univ. of York
- Professor, Georgetown University
- Cardiologist, New England Heart Institute
- Professor, University of North Carolina
- Professor, Emory University
- Engineer, Chiron Diagnostics
- Systems Analyst, Fidelity Foundation
- Radiation Oncologist, Henry Ford Hospital
- Sustainability Coordinator, UNH
- Software Engineer, Mercury Systems
- Professor, Brandeis University

### Links for Further Research:

Society of Physics Students	<a href="http://www.aip.org/education/sps/">http://www.aip.org/education/sps/</a>
Physics Central: career profiles	<a href="http://www.physicscentral.com/explore/people/index.cfm">http://www.physicscentral.com/explore/people/index.cfm</a>
American Institute of Physics	<a href="http://www.aip.org/">http://www.aip.org/</a>
Graduate Programs in Physics	<a href="http://www.gradschoolshopper.com/">http://www.gradschoolshopper.com/</a>
American Physical Society	<a href="http://www.aps.org/">http://www.aps.org/</a>
National Science Foundation	<a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&amp;from=fund">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&amp;from=fund</a>
Health Physics Society	<a href="http://hps.org/publicinformation/hpcareers.html">http://hps.org/publicinformation/hpcareers.html</a>