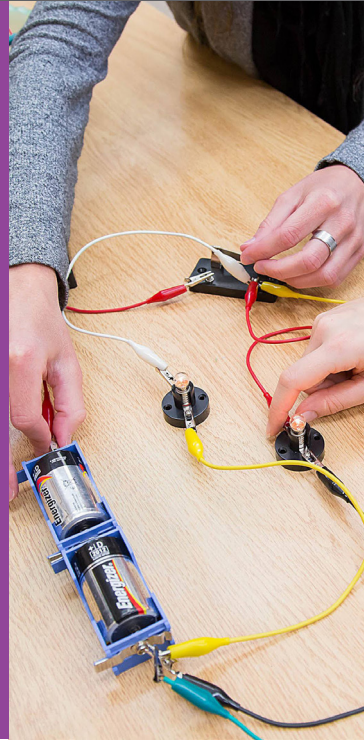


# Physics

## Career Possibilities

*Some options may require further/prior education*

- |                                 |                                      |
|---------------------------------|--------------------------------------|
| Acoustics Physicist             | Mathematician                        |
| Aerospace Researcher            | Materials Scientist                  |
| Astronomer                      | Medical Products Designer            |
| Atomic Physicist                | Medical Safety and Dosimetry Officer |
| Biomedical Equipment Developer  | Metallurgist                         |
| Biophysicist                    | Meteorologist                        |
| Business Systems Analyst        | Nuclear Physicist                    |
| Chemical Physicist              | Oceanographer                        |
| Climatologist                   | Optics and Lasers Scientist          |
| Computer Specialist             | Radiation Protection                 |
| Data Scientist                  | Remote Sensing Specialist            |
| Engineering Sciences Consultant | Satellite Data Analyst               |
| Exploration Physicist           | Scientific Photographer              |
| Fluids Physicist                | Science Journalist                   |
| Geophysicist                    | Software Developer                   |
| Industrial Physicist            | Systems Design Specialist            |
| Lab Technician                  | Technical Illustrator                |
|                                 | Technical Specialist                 |













## Degree Specific Skills

- |  |   |
|--|---|
| • Ability to Understand Complex Concepts | • Evaluating Ideas, Theories and Evidence     |
| • Administration of Scientific Tests     | • Gathering and Analyzing Data                |
| • Analytical and Problem Solving         | • Knowledge of Specific Laboratory Procedures |
| • Attention to Detail                    | • Measurement and Evaluation                  |
| • Compiling and Organizing Information   | • Observation Skills                          |
| • Critical Thinking Skills               | • Oral and Written Communication Skills       |
| • Deductive Reasoning                    | • Preparing Technical Reports                 |
| • Developing Research Models             | • Statistical Analysis                        |
| • Documentation Skills                   |   |

## Brock Competencies

*The knowledge, skills and attributes that students develop through their curricular and co-curricular experiences and reflection.*

- |  |  |  |
|--|--|--|
|  Act Innovatively |  Collaborate Effectively    |  Practice Intercultural Fluency |
|  Apply Knowledge  |  Communicate Effectively    |  Surgite!                       |
|  Be Curious       |  Engage with Your Community |  Think Critically               |
|  |  Know Yourself              |  |

# Career & Job Search Resources

**Brock University CareerZone**  
careerzone.brocku.ca

**Indeed**  
ca.indeed.com

**LinkedIn**  
linkedin.ca

**TalentEgg**  
talentegg.ca

**ASLO**  
aslo.org/opportunities-in-aslo

**Canadian Association of  
Physics Careers and Jobs**  
cap.ca/careers

**Canadian Mathematical  
Society Employment  
Resources**  
cms.math.ca/Employment

**Careers From Physics**  
iop.org/careers-physics

**Canadian Space Agency**  
asc-csa.gc.ca/eng/ao

**Journal of Science:  
Science Careers**  
sciencecareers.  
sciencemag.org

**Physics Today Jobs**  
physicstoday.org/jobs

**Science Jobs**  
sciencejobs.ca

**Space Careers**  
space-careers.com

## Professional Associations

**Association of the Chemical  
Profession of Ontario**  
acpo.on.ca

**Aerospace Industries Association of  
Canada (AIAC)**  
aiac.ca

**ASLO**  
aslo.org

**Bedford Institute of Oceanography**  
bio.gc.ca

**Canadian Association of Physicists**  
cap.ca

**Canadian Association of Nuclear  
Medicine**  
canm-acmn.ca

**Canadian Aviation**  
aviation.ca

**Canadian Meteorological and  
Oceanographic Society (CMOS)**  
cmos.ca

**Canadian Organization of Medical  
Physicists**  
medphys.ca

**Canadian Science Writers  
Association**  
sciencewriters.ca

**Canadian Space Agency**  
asc-csa.gc.ca

**Canadian Nuclear Society**  
cns-snc.cAa

**Environment Canada**  
weather.gc.ca

**International Association of  
Mathematical Physics**  
iamp.org

**International Association of  
Seismology and Physics of the  
Earth's Interior**  
iaspei.org

**National Research Council of  
Canada**  
nrc-cnrc.gc.ca

**Ontario Association of Physics  
Teachers**  
oapt.ca

**Optics Association of Canada**  
opticians.ca

**Physics.org**  
physics.org

**Royal Astronomical Society of  
Canada**  
rasc.ca



## Experience More

**Brock University Ten Thousand Coffees  
Alumni Mentorship Program**  
brocku.tenthousandcoffees.com/signup

**Brock University Volunteer  
Association (BUVA)**  
experiencebu.brocku.ca/organization/buva

**CareerZone Student Resources**  
careerzone.brocku.ca > Student Resources

**ExperienceBU**  
experiencebu.brocku.ca

**Experiential Learning Courses at Brock**  
brocku.ca/ccee/experiential-education/  
experiential-learning-courses-at-brock

**Going Global**  
\*accessed through CareerZone  
careerzone.brocku.ca

**INCommunities: Niagara's  
Volunteer Centre**  
niagara.cioc.ca/volunteer

**Ontario Internship Program**  
internship.gov.on.ca

**Ontario Volunteer Centre  
Network**  
ovcn.ca

**Volunteer Canada**  
volunteer.ca

## Further Education & Entrance Exams

**Brock University Graduate Studies**  
brocku.ca/graduate-studies

**Canadian Universities and Colleges**  
canadian-universities.net

**Graduate School Guide (US & CA)**  
graduateguide.com

**Kaplan Test Prep and Admissions**  
kaptest.com

**The Princeton Review**  
princetonreview.com

**School Finder**  
schoolfinder.com

 **BrockCareerZone**

 **BrockCareerZone**

 **careerzone.brocku.ca**

 **CareerZone Blog**

**Brock**  
University

Co-op, Career &  
Experiential Education