

CO-OP + CAREER

HIRING CO-OP STUDENTS

Physics and Astronomy

You can hire UVic co-op students studying physics, astronomy and many other programs for work terms beginning in January, May and September.

Students are skilled, enthusiastic and ready to work for organizations like yours!



Physics student Marcus Merryfield spent a co-op work term as a research assistant for National Research Council Canada.



How our students stand out

All of our students have a strong base in mathematics, computer programming and numerical methods.

Junior physics students are trained in:

- + Mechanics, electricity and magnetism, quantum physics and thermodynamics
- + Experimental physics, acquiring and analyzing experimental data, lab instrumentation and best practices
- + Clearly communicating experiment design, procedures and results
- + Computer-assisted math and physics, including applied software development skills
- + Working in project-oriented lab settings

Senior physics students:

- + Study particle and nuclear physics, relativity and electromagnetism and solid state physics and their industrial applications
- + Specialize in geophysics, optics, physical oceanography, medical physics and fluid mechanics

Students specializing in astronomy study:

- + Solar, galactic and extragalactic astronomy
- + Radio astronomy
- + Astrophysics
- + Observational astronomy

On the job, physics and astronomy students can:

- + Collect, analyze and process data by computer
- + Set up and calibrate instruments
- + Fabricate equipment
- + Develop, follow and observe experimental procedures
- + Identify problems, suggest solutions and interpret results

Where our students work

Our employers include high-tech businesses, scientific research organizations, crown corporations, and government and university research labs. Some past co-op jobs include:

- + Astronomy intern—Gemini Observatory
- + Da Vinci surgical system software/data intern—Intuitive Surgical Inc.
- + Geodynamics computer modelling assistant—Natural Resources Canada
- + Geophysical assistant —GEOMAR
- + Medical physics research assistant—BC Cancer Agency
- + Youth STEM instructor—Science Venture

Learn more about hiring a co-op student and how it can benefit your organization!

UVic Chemistry, Math/Statistics and Physics/Astronomy Co-op | scico@uvic.ca | 250-721-6122 | uvic.ca/employers



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of Victoria