SFU physicists work on the ATLAS experiment at CERN (Geneva) seen here during construction. The size of the experiment is shown by the person standing in the lower-centre of the picture [courtesy ATLAS Experiment © 2014 CERN]
Physics
Physics at SFU includes a wide array of options for students in major and honours programs in Physics, Applied Physics, Biological Physics as well as joint programs in Chemical Physics, Engineering Physics and Mathematical Physics. Our department is home to faculty members from a wide breadth of Physics sub-disciplines: atomic physics, biophysics, cosmology, high energy physics, materials science, soft matter physics, and condensed matter physics.

Program Options
The Physics major and honours programs provide an excellent general physics background and prepares students for a diverse range of career options.

Applied Physics deals with practical applications of physics concepts often in conjunction with math, computing science and engineering.

Biological Physics answers quantitative questions in the biological sciences on a molecular scale.

Chemical Physics focuses on the interface of chemistry and physics.

Mathematical Physics provides a strong foundation for careers in physics and applied math.

Sample Careers
Physics is a springboard into other areas of scientific study and good preparation for a broad range of career options, including graduate school. Sample careers include:

- Astronaut
- Engineering Technician
- Instrument Designer
- Research Scientist
- Nuclear Engineer
- Particle Physicist
- Teacher
- Science Journalist
- Optical Engineer
- Programmer
- Radiologist
- Information Specialist
- Medical Physicist
- Computer Engineer
- Financial Analyst
- Geophysicist
- Science Consultant
- Research Technician and much more...

How can you get involved?
Undergraduate Research: Join a research lab for the summer or take up a thesis project and participate in cutting-edge research. Adopt-A-Physicist: Be part of a research group in your first year. Co-op: Explore Physics-oriented careers via full-time work semesters locally, nationally or internationally. Physics Student Society: Social and academic activities. Starry Nights @ SFU: Free star-gazing at the Trottier Observatory and Science Courtyard

Essential websites
physics.sfu.ca/ugrad
sfu.ca/admission
sfu.ca/coop

> sfu.ca/science <