



Studying physics introduces you to some of the most fascinating phenomena in nature, for instance gravitational waves, quantum teleportation, or superconductivity. It also enables you to pursue careers in science and many other areas. This sheet provides you with some facts about careers for BSc graduates with a Major in physics, and about the advantages of studying physics at StFX.

Careers for Physicists

- Physics Majors have among the best chances to get into medical school [1].
- Physics Majors score very highly on entry exams for law school [1].
- Starting salaries for physics Majors are comparable to those for engineers [2].
- High school teachers with a background in mathematics and science are in high demand [3].
- Finance and business consulting companies are looking for physicists [4].
- Generally, physicists often work in research and development, IT, telecommunication, biomedical technology, and meteorology.

Why study Physics at StFX?

- Small class sizes (typically 10-20 students after 1st year) [5].
- All courses are taught by experienced full-time faculty members [6].
- Opportunities to do research [7], sometimes even right after first year.
- Co-author research papers [8], a big advantage when applying to graduate programs.
- Combine a BSc in physics with engineering or other fields in science.
- Get involved as tutor, researcher, at the observatory, or in the physics society
- All instructors have an open-door policy

[1] <https://www.aip.org/sites/default/files/statistics/undergrad/mcat-lsat1.pdf>

[2] <https://www.aip.org/sites/default/files/statistics/physics-trends/fall16-bs-deg-worth.pdf>

[3] <https://www.oct.ca/~media/D14950CF1D3648BA8772445A89046FF3.ashx>

[4] <http://www.princeton.com/physics/>

[5] <https://www.macleans.ca/education/the-average-undergraduate-class-size-at-canadian-universities/>

[6] <http://www.theglobeandmail.com/news/national/education/who-teaches-university-students-contract-teachers/article12715253/>

[7] <http://www2.mystfx.ca/physics/our-summer-research-students>

[8] <http://www2.mystfx.ca/physics/publications-stfx-physics-undergraduate-students-2007>