Undergraduate and Graduate Opportunities in Nuclear Science at Simon Fraser University

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MINOR TEAM — The Departments of Chemistry and Physics at Simon Fraser University offer a Nuclear Science Minor at undergraduate level. The program, which is unique in Canada, attracts students from all departments of the Faculty of Science, and, occasionally, from other departments such as engineering and business. Students graduating with this minor have the opportunity to get employment in academia and a variety of industries ranging from nuclear power to nuclear medicine, safety, accelerators, etc. At the graduate level, the Nuclear Science group in the Department of Chemistry attracts students to its in-house program and also in collaboration with TRIUMF, Canada’s Laboratory for Nuclear and Particle Physics. The graduate program offer a rich plethora of topics in experimental nuclear science ranging from understanding the matter at subatomic level and its role in astrochemistry to applications of nuclear science in radiation measurements and monitoring, nuclear instrumentation, etc. The academic components of the program, its goals and future developments are presented in this paper along with enrolment statistics for the last ten years.

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