See the chart below for Required AND/OR Recommended Grade 12 (or equivalent) courses. Applicants to the following programs must complete grade 12 (or equivalent) courses in the following subjects. For a complete list of all undergraduate degrees, go to page 6 for more details.

ACADEMIC PROGRAM	REQUIRED	RECOMMENDED
All programs	English	
Anthropology (B.A. or B.Sc.)		Mathematics for B.Sc.
Archaeology (B.A. or B.Sc.)		Mathematics for B.Sc.
Arts and Science (B.A.S)*		
Biochemistry & Molecular Biology (B.Sc.)	Biology, Chemistry	Mathematics
Biology (B.Sc.)	Biology, Chemistry	Mathematics
Biomedical Science (B.Sc.)*	Biology, Chemistry, Mathematics and one of Physics or Earth and Space Sciences**	
Business Administration (B.B.A.)	Mathematics	
Business and Arts (B.A.)		Mathematics
Business and Science (B.Sc.)		Mathematics
Chemical Engineering – Dual Degree (B.Eng. at Swansea University, UK and B.Sc. At Trent University)*	Chemistry, Physics, Mathematics	
Chemical Physics (B.Sc.)	Chemistry, Mathematics	Physics
Chemistry (B.Sc.)	Chemistry, Mathematics	
Computer Science (B.Sc.)	Mathematics	
Computer Science Co-op (B.Sc.)*	Applicant Essay, Mathematics	
Computing Systems & Physics (B.Sc.)	Mathematics	Physics
Conservation Biology Placement (B.Sc.)*; Conservation Biology Co-op (B.Sc.)*	Biology, Chemistry, Mathematics	Physics
Economics (B.A. or B.Sc.)		Mathematics
Environmental Chemistry (B.Sc.)	Chemistry, Mathematics	
Environmental Geoscience (B.Sc.)*	Chemistry, Mathematics	Physics, Earth & Space Science
Environmental & Resource Science (B.Sc.); Environmental Science/Studies (B.E.S.S.)*		Biology, Chemistry, Mathematics

ACADEMIC PROGRAM	REQUIRED	RECOMMENDED
All programs	English	
Financial Analytics (B.Sc.)*	Mathematics	
Forensics and Science (B.Sc.)		Mathematics
Forensic Biology (B.Sc.)*; Forensic Chemistry (B.Sc.)*; Forensic Science (B.Sc.F.S.)*	Biology, Chemistry, Mathematics	Physics
Geography (B.A. or B.Sc.)		Mathematics for B.Sc.
Indigenous Environmental Studies (B.A. or B.Sc.)		Mathematics for B.Sc.
Information Systems (B.A. or B.Sc.)		Mathematics for B.Sc.
Joint Major Degrees		Mathematics for B.Sc.
Kinesiology (B.Sc.)*	Biology, Chemistry, Mathematics	
Law – Dual Degree (LLB at Swansea University, UK and B.B.A. or B.A. at Trent)*	Mathematics for B.B.A. only	
Logistics & Supply Chain Management (B.A)***	Mathematics	
Mathematics (B.Sc.); Mathematical Economics (B.Sc.); Mathematical Physics (B.Sc.)	Mathematics	
Medical Professional Stream*	Autobiographical Sketch	Biology, Chemistry, Mathematics
Nursing (B.Sc.N.)*	Biology, Chemistry, Mathematics. Successful completion of CASPer Test (www.takecasper.com)	
Physics (B.Sc.)	Mathematics	Physics
Policing And Community Well-being (B.A.)*		
Psychology (B.A. or B.Sc.)		Mathematics for B.Sc.
Science (B.Sc.)		Mathematics
Sustainable Agriculture & Food Systems (B.A. or B.Sc.)	Biology for B.Sc	Mathematics for B.Sc.
Teacher Education Stream (B.A. or B.Sc.)*		Mathematics for B.Sc.
Water Sciences (B.Sc.)		Mathematics

* Denotes competitive and highly selective programs
** IB diploma students: For IB Requirements, see page 16.
*** Pending Ministry and Quality Assurance approvals