

Admissions requirements

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Program	British-Patterned Education (British)	Caribbean Advanced Proficiency Examination (CAPE)	International Baccalaureate (IB)
Faculty of Business & Information Technology			
Commerce (Accounting; Finance; Marketing; Organizational Behaviour and Human Resources Management; Technology Management)	English and Mathematics	Communication Studies and one of: <ul style="list-style-type: none"> Applied Math 1 Integrated Math Pure Math 1 	English and one of: <ul style="list-style-type: none"> Mathematics: Analysis and Approaches Mathematics: Applications and Interpretation
Information Technology (Game Development and Entrepreneurship; Networking and IT Security; Technology Management)			English and one of: <ul style="list-style-type: none"> Computer Science Mathematics: Analysis and Approaches Mathematics: Applications and Interpretation
Faculty of Education			
Concurrent Education (apply through your program of choice)	Refer to regular program requirements	Refer to regular program requirements	Refer to regular program requirements
Faculty of Energy Systems & Nuclear Science			
Health Physics and Radiation Science	English, Chemistry, Mathematics and Physics	Communication Studies, Chemistry 1, Pure Math 1, Pure Math 2 and Physics 1	English, Chemistry, Physics and one of: <ul style="list-style-type: none"> Mathematics: Analysis and Approaches Mathematics: Applications and Interpretation (HL)
Nuclear Engineering			
Sustainable Energy Systems	English, Mathematics and one of: <ul style="list-style-type: none"> Biology Chemistry Physics 	Communication Studies, Pure Math 1 and one of: <ul style="list-style-type: none"> Biology 1 Chemistry 1 Physics 1 Pure Math 2 	English and one of: <ul style="list-style-type: none"> Mathematics: Analysis and Approaches Mathematics: Applications and Interpretation (HL)

British and CAPE notes:

- British:** At least five IGCSE/GCSE/Ordinary Level academic subjects (including one English) and a minimum of two Advanced Level (A/A2 Level) academic subjects. Program prerequisites should be completed at the Advanced/A2 Level. Some programs may consider excellent grades presented at the O- or AS levels.
- CAPE:** Minimum six units completed.
- IB:** All prerequisite courses can be presented at the Standard or Higher Level, unless otherwise specified.

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Program	British-Patterned Education (British)	Caribbean Advanced Proficiency Examination (CAPE)	International Baccalaureate (IB)
Faculty of Engineering & Applied Science			
Automotive Engineering	English, Chemistry, Mathematics and Physics	Communication Studies, Chemistry 1, Pure Math 1, Pure Math 2 and Physics 1	English, Chemistry, Physics and one of: <ul style="list-style-type: none"> • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL)
Comprehensive Engineering			
Electrical Engineering (Smart Grid)			
Manufacturing Engineering			
Mechanical Engineering (Energy Engineering)			
Mechatronics Engineering			
Software Engineering (Internet of Things)			
Faculty of Health Sciences			
Health Sciences (Human Health Science, Public Health)	English, Biology and Mathematics	Communication Studies, Biology 1 and one of: <ul style="list-style-type: none"> • Applied Math 1 • Integrated Math • Pure Math 1 	English, Biology and one of: <ul style="list-style-type: none"> • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation
Kinesiology	<i>Chemistry is recommended</i>	<i>Chemistry is recommended</i>	<i>Chemistry is recommended</i>
Nursing*	English, Biology, Chemistry and Mathematics	Communication Studies, Biology 1, Chemistry 1 and one of: <ul style="list-style-type: none"> • Applied Math 1 • Integrated Math • Pure Math 1 	English, Biology, Chemistry and one of: <ul style="list-style-type: none"> • Mathematics: Analysis and Approaches • Mathematics Applications and Interpretation

*Along with a competitive admissions average, Nursing applicants will be assessed on the mandatory completion of a Computer-Based Assessment for Sampling Personal Characteristics (CASPer) test—an online screening tool designed to evaluate key personal and professional characteristics.

Learn more from our FAQs at ontariotechu.ca/casperinfo.

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Program	British-Patterned Education (British)	Caribbean Advanced Proficiency Examination (CAPE)	International Baccalaureate (IB)
Faculty of Science			
Applied and Industrial Mathematics	English, Mathematics and two of: • Biology • Chemistry • Physics	Communication Studies, Pure Math 1 and two of: • Biology 1 • Chemistry 1 • Physics 1 • Pure Math 2	English, and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL) and one of: • Biology • Chemistry • Physics
Biological Science (Applied Biotechnology, Environmental Biology, Environmental Toxicology, Life Sciences)			
Chemistry (Chemical Biology, Pharmaceutical Chemistry)			
Forensic Science (Forensic Biology, Forensic Chemistry, Forensic Physics)			
Integrative Neuroscience			
Physics (Astrophysics; Nanotechnology and Clean Energy)			
Computer Science (Data Science, Digital Media)	English, Mathematics and Physics	Communication Studies, Pure Math 1 and one of: • Physics 1 • Pure Math 2	English and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL)
Integrated Mathematics and Computer Science	English, Mathematics and Physics	Communication Studies, Pure Math 1, Pure Math 2 and Physics 1	English, Physics and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL)

British and CAPE notes:

- **British:** At least five IGCSE/GCSE/Ordinary Level academic subjects (including one English) and a minimum of two Advanced Level (A/A2 Level) academic subjects. Program prerequisites should be completed at the Advanced/A2 Level. Some programs may consider excellent grades presented at the O- or AS levels.
- **CAPE:** Minimum six units completed.
- **IB:** All prerequisite courses can be presented at the Standard or Higher Level, unless otherwise specified.

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Program	British-Patterned Education (British)	Caribbean Advanced Proficiency Examination (CAPE)	International Baccalaureate (IB)
Faculty of Social Science & Humanities			
Communication and Digital Media Studies	English	Communication Studies	English
Criminology and Justice (Criminal Justice; Youth, Crime and Justice)			
Legal Studies (Alternative Dispute Resolution, Human Rights Law, Information Law)			
Liberal Studies			
Political Science (Political Communication; Social Justice, Globalization and Development)			
Forensic Psychology	English <i>Mathematics is recommended.</i>	Communication Studies <i>Applied Math 1 or Pure Math 1 is recommended.</i> <i>Biology 1 is recommended.</i>	English <i>Mathematics: Analysis and Approaches or Mathematics: Applications and Interpretation is recommended.</i> <i>Biology is recommended.</i>
Psychology (Bachelor of Arts) (Affective Science and Mental Health; Developmental Psychological Science)	English <i>Biology is recommended.</i>		
Psychology (Bachelor of Science) (Affective Science and Mental Health; Developmental Psychological Science)	English, Mathematics and two of: • Biology • Chemistry • Physics	Communication Studies, Pure Math 1 and two of: • Biology 1 • Chemistry 1 • Physics 1 • Pure Math 2	English, and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL) and one of: • Biology • Chemistry • Physics