

CANADIAN SECONDARY SCHOOL QUALIFICATIONS AND COURSE EQUIVALENTS

Curriculum	Admission Requirements <i>Secondary School and Diploma must be recognized by the Provincial Ministry of Education.</i>	English	Calculus & Vectors	Advanced Functions	Biology	Chemistry	Physics
Ontario	Secondary School Diploma with six subjects at the 4U/M level including English. The co-op component of Grade 12 courses will not be used for admission purposes.	ENG4U	MCV4U	MHF4U	SBI4U	SCH4U	SPH4U
International Baccalaureate	Complete Diploma including English. Please note that Math Studies is not acceptable for any program with a Math prerequisite.	English (HL or SL)	Mathematics HL or SL/Further Mathematics HL	Mathematics HL or SL/Further Mathematics HL	Biology (HL or SL)	Chemistry (HL or SL)	Physics (HL or SL)
British Columbia & Yukon	High School Diploma with six academic Grade 12 subjects, including English 12 or English 12 First Peoples. Provincial examinations are required for English 12 or English 12 First Peoples for BC students graduating in 2018 and 2019.	English 12 or English 12 First Peoples	Calculus 12 or Calculus AP (AB or BC)	Pre-Calculus 12/ Principles of Math 12	Biology 12	Chemistry 12	Physics 12
Alberta & Northwest Terr.	Alberta High School Diploma with five Grade 12 academic subjects numbered 30/31 including English Language Arts 30-1.	ELA 30-1	Math 31 or Calculus AP (AB or BC)	Math 30-1	Biology 30	Chemistry 30	Physics 30
Nunavut	Alberta or Nunavut Secondary School Diploma with five Grade 12 academic subjects numbered 30/31 including English 30-1. Inuktitut 12 and Aulajaaqtut 12 are acceptable.	ELA 30-1	Math 31 or Calculus AP (AB or BC)	Math 30-1	Biology 30	Chemistry 30	Physics 30
Saskatchewan	High School Diploma with five Grade 12 academic subjects numbered 30 including English Language Arts A30 + B30.	English A30 + English B30	Calculus 30 or Calculus AP (AB or BC)	Pre-Calculus 30	Biology 30	Chemistry 30	Physics 30
Manitoba	High School Diploma with five Grade 12 academic subjects including English 40S plus three additional 40S level subjects. The remaining credit must be 40S or 40G.	English 40S (Comprehensive/Literary/Transactional Focus)	Pre-Calculus 40S† Calculus AP (AB or BC)	Pre-Calculus Math 40S	Biology 40S	Chemistry 40S	Physics 40S
Quebec: Grade 12	High School Diploma with six Grade 12 academic subjects including English.	English or English AP	Calculus AP (AB or BC) or MCV4U	Linear Algebra or MHF4U	Biology or SBI4U	Chemistry or SCH4U	Physics or SPH4U
Quebec: CEGEP	12 academic subjects including English/anglais (two terms). Students who have completed more than 12 academic subjects may receive transfer credit in arts, science, business/commerce programs. Those who have a complete DEC are likely to be admitted to second year unless entering Engineering. The Cote de Rendement (R Score) will be used for admission and scholarship purposes.	2 semesters of English/anglais	Calculus 1 (Calculus 1 & 2 req'd for Engineering)	Linear Algebra 1	Biology 1	Chemistry 1 & 2	Physics 1& 2
Nova Scotia	High School Diploma with five Grade 12 academic subjects (university preparatory academic or advanced) including English.	English 12	Calculus 12 or Pre-Calculus 12† or AP Calculus	Advanced Math 12 or Math 12	Biology 12	Chemistry 12	Physics 12
New Brunswick	High School Diploma with six Grade 12 academic subjects (college preparatory: 120, 121 or 122) including English.	English 120, 121 or 122	Calculus 120 or AP Calculus (AB or BC)	Pre-Calculus A 120 + Pre-Calculus B 120	Biology 122	Chemistry 121 or 122	Physics 121 or 122
Prince Edward Island	High School Diploma with five Grade 12 academic subjects (numbered 611 or 621) including English.	English 621	Math 611B or Calculus AP (AB or BC)	Math 621A or 621B	Biology 621	Chemistry 611 or 621	Physics 621
Newfoundland and Labrador	High School Diploma with 10 academic credits at the 3000 level incl. English.	English 3201	Math 3208 or Calculus AP (AB or BC)	Math 3200	Biology 3201	Chemistry 3202	Physics 3204

Note: Advanced Placement Examinations and International Baccalaureate credits are also acceptable. Transfer credit information is available at future.utoronto.ca/transfercredit

† Math with calculus is preferred for studies in Engineering. If your school only offers pre-calculus or does not offer math with calculus, please contact the Faculty of Applied Science & Engineering directly discover.engineering.utoronto.ca.