

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 / EAE4U	MCV4U	MHF4U	SBI4U	SCH4U	SPH4U
International Baccalaureate	Complete Diploma, including English HL or SL. Math Studies is not acceptable for any program with a Math prerequisite.	English (HL / SL)	Mathematics: Applications and Interpretations HL / Analysis and Approaches SL / Analysis and Approaches HL OR (completed before November 2020 only) Mathematics HL or SL / Further Mathematics HL	Mathematics: Applications and Interpretations SL /OR (completed before November 2020 only) Mathematics HL or SL / Further Mathematics HL	Biology (HL / SL)	Chemistry (HL / SL)	Physics (HL / SL)
British Columbia & Yukon	High School Diploma with six Grade 12 academic subjects, including English Studies 12 or English First Peoples 12. Provincial examinations are required for English 12 or English 12 First Peoples for BC students graduating in 2018 and 2019.	English Studies 12 / English First Peoples 12	Calculus 12 / Calculus AP (AB / BC)	Pre-Calculus 12 / Principles of Math 12	Anatomy & Physiology 12	Chemistry 12	Physics 12
Alberta & Northwest Terr.	High School Diploma with five Grade 12 academic subjects numbered 30/31, including English Language Arts 30-1.	ELA 30-1	Math 31 / Calculus AP (AB / BC)	Math 30-1	Biology 30	Chemistry 30	Physics 30
Nunavut	High School Diploma with five Grade 12 academic subjects numbered 30/31, including English Language Arts 30-1. Inuktitut 12 and Aulajaaqtut 12 are acceptable.	ELA 30-1	Math 31 / Calculus AP (AB / 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 and English B30	Calculus 30 / Calculus AP (AB / BC)	Pre-Calculus 30	Biology 30	Chemistry 30	Physics 30

CANADIAN SECONDARY SCHOOL QUALIFICATIONS AND COURSE EQUIVALENTS, CONTINUED

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Manitoba	High School Diploma with five Grade 12 academic subjects, including English 40S plus three additional 40S level subjects. The remaining credits must be 40S or 40G.	English 40S (Comprehensive / Literary / Transactional Focus)	Pre-Calculus 40S [†] / Calculus AP (AB / BC) (Engineering applicants should present Calculus 42U / Introduction to Calculus 45S and Advanced Mathematics 45S)	Pre-Calculus Math 40S	Biology 40S	Chemistry 40S	Physics 40S
Quebec: Grade 12	High School Diploma with six Grade 12 academic subjects, including English. The DES (Secondary V) Diploma is not an accepted basis of admission.	English	Calculus AP (AB / BC) / MCV4U	Linear Algebra / MHF4U	Biology / SBI4U	Chemistry / SCH4U	Physics / SPH4U
Quebec: CEGEP	12 academic courses (excluding courses numbered 109), including English/Anglais (two terms). Students who have completed more than 12 academic subjects may receive transfer credit in arts, science, business/commerce programs. The Cote de Rendement (R Score) will be used for admission and award purposes.	2 semesters of English/Anglais	Calculus 1 (Calculus 1 & 2 and Linear Algebra 1 are required for Engineering)	Linear Algebra	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 12 or English 12 African Heritage.	English 12 / English 12 African Heritage	Calculus 12 / Pre-Calculus 12 [†] / AP Calculus	Advanced Math 12 / 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 / 122	Calculus 120 / AP Calculus (AB / BC)	Pre-Calculus A 120 and Pre-Calculus B 120	Biology 122	Chemistry 121 / 122	Physics 121 / 122
Prince Edward Island	High School Diploma with five Grade 12 academic subjects (numbered 611 or 621), including English.	English 621	Math 611B / Calculus AP (AB / BC)	Math 621A / 621B	Biology 621	Chemistry 621	Physics 621
Newfoundland and Labrador	High School Diploma with 10 academic credits at the 3000 level, including English.	English 3201	Math 3208 / Calculus AP (AB / 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 uoft.me/transferal

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