

Minimum High School Prerequisites for Science and Horticulture Programs 2019-20

Students wishing to complete these programs **without having to take any upgrading or supplementary** courses must meet the following minimum high school grade requirements:

Current Programs	High School English	High School Biology	High School Chemistry	High School Mathematics	High School Physics
Bachelor of Horticulture Science Plant Health	Engl 12 (B)*	♦	Chem 11 (C+) <u>or</u> Chem 12 (C-)	Pre-Calculus 11 (B) or Level C1 of the Mathematics Alternatives Table (MAT)	♦
Bachelor of Horticulture Science Urban Ecosystems	Engl 12 (B)*	♦	Chem 11 (C+) <u>or</u> Chem 12 (C-)	Pre-calculus 11 (C) Level E1 of the MAT	♦
Bachelor of Applied Science Sustainable Agriculture	Engl 12 (C+)	Asset: Biol 11 (P) or Biol 12 (P)	Chem 11 (C+) <u>or</u> Chem 12 (C-)	Pre-Calculus 11 (B) or Level C1 of the MAT	♦
Bachelor of Science Biology	Engl 12 (B)*	Recommended Biol 11 and/or Biol 12	Chem 12 (C+)	Pre-calculus 12 (C+) or Level B1 of the MAT	Phys 12 (P)
Bachelor of Science Health Science	Engl 12 (B)*	Recommended Biol 11 and/or Biol 12	Chem 12 (C+)	Pre-calculus 12 (C+) OR Level B1 of the MAT	Phys 12 (P)
Bachelor of Science Physics for Modern Technology	Engl 12 (C+)	♦	Chem 12 (C+)	Pre-calculus 12 (C+) OR Level B1 of the MAT	Phys 12 (P) (C recommended)
Bachelor of Science Applications of Mathematics - Biomathematics - Computational - Math Education	Engl 12 (C+) Engl 12 (B)* for Biomath stream	♦	Chem 11 (C+) [Math Education] Chem 12 (C+) [Biomath & Computational]	Pre-calculus 12 (C+) or Level B1 of the MAT	Phys 12 (P)
Engineering (1st Year) Certificate	Engl 12 (C+)	♦	Chem 12 (C+)	Pre-calculus 12 (B) or Level A1 of the MAT	Phys 12 (C)
Environmental Protection Technology Diploma	Engl 12 (C+)	♦	Chem 11 (C+)	Pre-Calculus 11 (C) <u>or</u> Level E1 of the MAT	♦
Horticulture Technology Diploma - Sustainable Production Horticulture - Landscape Horticulture Systems - Turf Management	Engl 12 (C+)	♦	♦	Foundations of Math 11 (C) or Level G1 of the MAT	♦
Brewing and Brewery Operations Diploma	Engl 12 (C+)	♦	Chem 11 (C+)	Pre-Calculus 11 (C) <u>or</u> Level E1 of the Mathematics	♦
Computer Aided Design and Drafting (CADD) Diploma	Engl 12 (C+)	♦	♦	Pre-Calculus 12 (C+) or Level C1 of the MAT	

***OR, successful completion of ENGL 1100 prior to taking BIOL 1110; ENGL 1100 entry requires high school English 12 with a C+.**

This handout is provided for reference only, and should always be used in conjunction with the official program information published in the KPU academic calendar: www.kpu.ca/calendar.