

Considerations for Course Selection for Grades 11/12

The following information will aid students in planning their course selections. Don't be too concerned if there is uncertainty – all course selections will be carefully reviewed before final choices are made.

Note: This information refers to the most common programmes our students apply to. Please refer questions about requirements for other college and university programmes to Beth Hall, leh@shawnigan.ca.

Where provincially examinable grade 12 courses are required, these include **English, English Literature, French, Spanish, Mandarin, History, Geography, Math, Physics, Chemistry, and Biology**. In most cases, AP courses may be used in place of, or in addition to, provincially examinable courses. With the exception of English 12, students are no longer required to write Provincial Exams for admission to Canadian universities (though provincially examinable subjects may be required).

Admission averages for the past year are included for reference, but these may change. Eg. UBC has seen an increase in applications this year and the admission average is likely to rise.

B.C. universities have some grade 11 course requirements, but Grade 11 marks are not calculated as part of the admission average. In B.C., but not other provinces, students require a foreign language 11 for admission to most programs (UVIC has exceptions for sciences, social sciences and engineering). Students applying to most science programs will need **both** Chemistry 11 and Physics 11 in addition to their grade 12 science courses.

UBC (admission average will be calculated as follows)

Arts: 84% average on four provincially examinable (or AP) courses including English 12. Students studying Arts at UBC are advised to choose a foreign language 12, or they will be required to take a language course in first and/or second year.

Science: 89% on four provincially examinable (or AP) courses including English 12, Math 12 and one science 12 (Biology, Physics, Chemistry). Some offers are given with an average as low as 84% with a strong supplemental application.

Engineering: 81% on English 12, Math 12, Chemistry 12, Physics 12 (Calculus 12 recommended)

Business/Commerce: 84% minimum on four provincially examinable courses including English 12 and Math 12 (Calculus 12 recommended). Admission is also based on a strong supplemental application.

UVIC

Arts: low to mid 70s based on three or four provincially examinable courses including English 12 – 4th course may be one of Comparative Civilizations 12, Calculus 12, or another AP course.

Science: low to mid 70s on four provincially examinable subjects including English 12, Math 12 and two science 12 courses (Biology, Physics, Chemistry, Geography).

Engineering: mid to high 70s on three or four provincially examinable subjects including English 12, Math 12, Physics 12 (Chemistry 12 and Calculus 12 recommended).

Business/Commerce: mid to high 80s on three or four provincially examinable subjects including English 12, Math 12. May also apply to another programme and transfer to business in third year.

SFU 80% guarantees admission, except this is higher for Business and Engineering. Four provincially examinable subjects are required for admission to all faculties.

Alberta universities

U of Alberta (admission average will be calculated on the following courses)

Arts: 70% on five courses including four provincially examinable courses and one elective. The 5th course may be any provincially examinable course, or Art 12, Band 12, Calculus 12, Comparative Civilizations 12, Graphic Design 12, or AP course.

Science: 75% on five courses including English 12, Math 12 and two science 12 courses (Biology, Physics, Chemistry). Electives as above, Calculus 12 recommended.

Engineering: 80% on English 12, Math 12, Calculus 12, Chemistry 12, and Physics 12

Business: No direct entry, students take a pre-commerce year in another faculty. Math 12 required, Calculus 12 recommended.

U of Calgary (admission average will be calculated on the following courses)

Humanities: 72% on five courses including four provincially examinable courses and one elective (any grade 12 course).

Social Sciences: Int'l Relations 74%, Economics 74%, Psychology 80%, but all other Social Sciences 72% on five courses including four provincially examinable courses and one elective (any grade 12 course). Math 12 required.

Science: Biology 78%, otherwise 72% on five courses including English 12, Math 12, two science 12 courses (Biology, Physics, Chemistry), and one elective (any grade 12 course). Calculus 12 recommended.

Engineering: 77% on English 12, Math 12, Calculus 12, Chemistry 12, and Physics 12

Business: 81.5% on five courses including four provincially examinable courses and one elective (any grade 12 course). Math 12 required, Calculus 12 recommended.

Ontario universities:

There are 20 universities in Ontario, many with different admission averages and different criteria for each faculty.

For all universities, **expect to need three or four provincially examinable courses.** Calculus 12 is accepted at all schools. Comparative Civilizations 12 and Economics 12 are accepted at some.

Science: Calculus 12 is often required in addition to Math 12. Normally two science 12 courses (Biology, Physics, Chemistry) required.

Engineering: English 12, Math 12, Calculus 12, Chemistry 12, and Physics 12

Business: Calculus 12 is often required in addition to Math 12

Quebec universities

McGill: Requires five academic Grade 12 subjects.

Arts: 87% (including a minimum of 77% in English 12)

Science: 85% (including a minimum of 77% in Math 12 and each science).

Business: 91% (including a minimum of 75% in English 12, 77% in Math 12)

Engineering: 79 – 88% depending on program

Bishop's guarantees admission with 75% based on four provincially examinable courses.

Concordia low 70s on four provincially examinable courses. Admission to some programs (eg. Business) is higher.

Atlantic universities

Most universities require an average in the low to mid-70s on five courses: three or four provincially examinable courses and one or two academic electives (eg. Calculus 12, Comparative Civilizations 12, Economics 12, Writing 12). Some universities have also accepted Entrepreneurship or a fine art elective.

U.S. universities

A student's entire program is looked at from Grades 9 – 12. In addition to presenting SAT scores, students are normally required to complete:

- 4 years of English
- 3 years of Social Studies
- 3 years of Math
- 2 – 3 years of a lab science (Biology, Physics, Chemistry)
- 2 – 3 years of a foreign language

An admission GPA is calculated on all academic courses from Grades 10 through 12 (sometimes from Grade 9).

The rigor of a student's program in relation to courses available is usually a factor in the more selective universities.