



Changes to Undergraduate Admissions for Secondary School Applicants in 2019¹

Version 3.32; March 2018

Introduction

Starting in the 2019 admission cycle, The University of British Columbia will introduce a new, holistic approach to assessing secondary school students applying for undergraduate admission. Moving forward, the entirety of the applicant's secondary school transcript, including all courses taken at the Grade 11 and Grade 12 levels, will be considered in the undergraduate admission decision. UBC will look at grades in all academic courses with particular attention to those in subject areas that are relevant to the applicant's intended area of study at UBC.

Where possible, UBC may also consider the number of Grade 11 and 12 courses presented in order to recognize students who challenge themselves with a heavier course load. Similarly, the admission decision may also consider rigour of coursework in order to better recognize students who have challenged themselves with classes that includes more advanced or post-secondary level content.

UBC encourages students to actively explore their academic interests in secondary school. As a result, the admission evaluation will omit a course with the student's lowest academic course grade if it is in an area that is unrelated to their intended area of study at UBC. Similarly, there may be some non-academic courses (where grades are not used) that speak to the student's intended area of study at the university that are looked upon favourably in the admission process.

The courses required for admission (i.e. the pre-requisites) to undergraduate programs have not changed from previous years. Students who present the minimum requirements for admission (as described in the table in "Program Requirements for Canadian Secondary School Applicants" below) will be eligible for consideration.

Admission to The University of British Columbia is competitive and satisfying the minimum requirements does not guarantee admission. In addition to presenting the necessary pre-requisite courses, an applicant's admission decision will be based upon the following principles:

1. To what extent has the applicant excelled in secondary school, as evidenced by their grades?
2. To what extent has the applicant challenged themselves in secondary school, as evidenced by the number and academic rigour of courses completed?
3. To what extent has the applicant taken courses in subjects that are relevant to their intended area of study at the university?

Taken in conjunction with the UBC personal profile, the UBC undergraduate admission decision approach rests on a holistic assessment of the applicant, placing value on all learning in secondary school.

¹ Pending confirmation from the UBC Okanagan Senate, scheduled for late March 2018.



Admission for Secondary School Applicants

Admission Requirements

Academic criteria are the primary basis for determining admissibility to UBC. Many programs also consider non-academic information. For secondary school applicants, the academic assessment consists of an overall assessment and a core assessment, the latter being specific to the program(s) to which the student has applied. In addition, breadth, rigour and relevancy of secondary school coursework may also factor into the admission decision.

Although there is not a strict minimum number of courses required, UBC does recommend that students graduating with a Canadian secondary school credential present at least six academic or non-academic Grade 12-level courses (including Grade 12-level courses taken in the Grade 11 year). Non-academic courses include subjects classified as Applied Design, Skills, and Technologies, Career Education, Physical and Health Education, or Faith-based. For applicants from outside of Canada, the minimum number of senior-year courses will vary by jurisdiction. Students with fewer than the recommended number of Grade 12-level courses will be considered on a case-by-case basis.

Academic averages for the purpose of admission are based on final or in-progress Grade 11 and Grade 12 (or equivalent) course grades available in the spring. The minimum academic qualification for admission is secondary school graduation from a recognized secondary school.

The Overall Academic Assessment (All Programs)

The overall academic assessment is designed to broadly assess an applicant's academic history. The assessment is the same regardless of the program to which the student has applied and focuses on the marks presented in all academic Grade 11 and 12 coursework (regardless of the year in which the course was completed). Wherever possible, UBC will exclude the academic course with the applicant's lowest grade so long as the course is not required or relevant to the intended area of study at UBC.

The Core Academic Assessment (Program-Specific)

The core academic assessment is designed to assess an applicant's aptitude for a particular area of study within the university. The core academic assessment will vary depending upon the program to which the student has applied (see chart in "Program Requirements for Canadian Secondary School Applicants"). The assessment focuses on the grades presented in all relevant academic Grade 11 and 12 (or equivalent) coursework, although in cases where the student presents a course at both the Grade 11 and the Grade 12 level, emphasis is placed upon the mark obtained in the more senior-level course. There is not a minimum number of courses required for admission, but applicants are encouraged to challenge themselves with a substantial number of courses that are relevant to their intended area of study at UBC. Certain programs may require a competitive minimum grade in individual prerequisite courses used in the core academic assessment.

Additional Considerations

In addition to the marks presented in the academic Grade 11 and Grade 12 (or equivalent) coursework noted above, both the overall and the core assessments may be influenced by a number of factors. While none of the following are required to gain admission to UBC, where it is potentially to the student's advantage, the following may receive additional consideration:



- Breadth of coursework: Students are encouraged to pursue all their academic interests in secondary school. Students who evidence doing so by pursuing a heavier course load may be advantaged in the admissions process. This may also be evidenced by students who present dual high-school diplomas through a second language immersion program.
- Rigour of coursework: Students are encouraged to challenge themselves in secondary school. Students who evidence doing so by presenting more academic courses, including those that contain rigorous/first-year university content may be advantaged in the admissions process. This includes courses such as Advanced Placement, International Baccalaureate, Calculus, or Dual-Credit.
- Relevancy of coursework: Students are encouraged to pursue additional courses that are relevant to their intended area of study at UBC, even if the course marks are not used in the calculation of the admission average. Students who evidence doing so may be advantaged in the admissions process. Examples include: applicants to the Faculty of Applied Science who present applied courses in electronics or robotics; applicants to the Faculty of Management or the Sauder School of Business who present applied courses in accounting or marketing. The relevancy of a particular course will be determined as part of the admissions process.
- Personal Circumstance: In some cases, it may not be possible for students to demonstrate breadth, rigour, and/or additional relevant courses. For example: an applicant may attend a school in a smaller community that does not offer a wide selection of courses; an applicant may take a smaller course load in secondary school to attend to family commitments (e.g. caring for younger sibling) or other personal circumstances (e.g. working a part time job to fund their education). Applicants will be invited to include this type of information with their application and such situations will be considered on a case-by-case basis within the undergraduate admissions process.

The recognition of breadth, rigour and relevancy of coursework is not a requirement to gain admission nor is it intended to encourage applicants to dramatically alter their secondary school course selection. The purpose is to recognize that grades are not the only means by which an applicant can demonstrate their readiness for post-secondary study. So while many applicants will continue to gain admission to UBC with an academic assessment based primarily upon the marks in their academic courses, demonstrating breadth, rigour and relevancy in all secondary school course (academic and non-academic), though not required, may be advantageous.

The Personal Profile

In order to assess a student's preparedness and potential for university study, UBC will evaluate applicants on a broad range of criteria including academic performance, as well as personal experiences and achievements. The UBC personal profile consists of short answer questions where applicants are encouraged to share significant achievements, as well as what they have learned from their experiences and the challenges that they have overcome.



Program Requirements for Canadian Secondary School Applicants - Okanagan Campus

Program	Minimum Requirements:	Overall Assessment based upon marks in the following courses:
All	Recommendation: A minimum of six Grade 12 courses are recommended. Approved equivalent International Baccalaureate, Advanced Placement, or Post-secondary course may also be used.	All Grade 11 and 12 courses ¹

Program	Minimum Pre-Requisite Courses:	Core (program-specific) Assessment based upon Grade 11 and 12 course ¹ marks from the following subject categories:
Arts	English 12 or English 12 First Peoples	Language Arts Mathematics & Computation Second Languages Social Studies Visual & Performing Arts
Engineering	English 12 or English 12 First Peoples Pre-Calculus 12 Chemistry 12 Physics 12	Language Arts Sciences Mathematics & Computation
Fine Arts	English 12 or English 12 First Peoples	Language Arts Visual & Performing Arts Social Studies
Human Kinetics	English 12 or English 12 First Peoples Pre-Calculus 12 Biology 12 Chemistry 11 or Physics 11	Language Arts Sciences Mathematics & Computation Social Studies
Management	English 12 or English 12 First Peoples Pre-Calculus 12	Language Arts Mathematics & Computation Social Studies
Media Studies	English 12 or English 12 First Peoples Pre-Calculus 12	Language Arts Mathematics & Computation Social Studies Visual & Performing Arts
Nursing	English 12 or English 12 First Peoples Pre-Calculus 11 or Foundations of Math 12 Biology 11 and 12 Chemistry 11 and 12	Language Arts Sciences Mathematics & Computation
Science	English 12 or English 12 First Peoples Pre-Calculus 12 Min. one Grade 12 Science Chemistry 11	Language Arts Sciences Mathematics & Computation

Notes: ¹Does not include any courses classified as Applied Design, Skills, and Technologies Career Education, or Physical and Health Education, of Faith-based.



Program Requirements for Canadian Secondary School Applicants - Vancouver Campus

Program	Minimum Requirements:	Overall Assessment based upon marks in the following courses:
All	Recommendation: A minimum of six Grade 12 courses are recommended. Approved equivalent International Baccalaureate, Advanced Placement, or Post-secondary course may also be used.	All Grade 11 and 12 courses ¹

Program	Minimum Pre-Requisite Courses:	Core (program-specific) Assessment based upon Grade 11 and 12 course ¹ marks from the following subject categories:
Arts	English 12 or English 12 First Peoples Pre-Calculus 11 or Foundations of Math 12 ² <i>(Students intending to major in Economics must complete Pre-Calculus 12)</i> A language 11 ³ or waiver An approved Grade 11 science ⁴	Language Arts Mathematics & Computation Second Languages Social Studies Visual & Performing Arts
Commerce	English 12 or English 12 First Peoples Pre-Calculus 12 A language 11 ³ or waiver An approved Grade 11 science ⁴	Language Arts Mathematics & Computation ⁵ Social Studies ⁶
Dental Hygiene	English 12 or English 12 First Peoples Biology 11 and 12 Chemistry 12 Pre-Calculus 11 or Foundations of Math 12 ² A language 11 or waiver ³	Language Arts Sciences
Design in Architecture, Landscape Architecture & Urbanism ⁸	English 12 or English 12 First Peoples Geography 12 or History 12 Pre-Calculus 11 or Foundations of Math 12 ² A language 11 ³ or waiver An approved Grade 11 science ⁴	Language Arts Visual & Performing Arts Social Studies
Engineering	English 12 or English 12 First Peoples Pre-Calculus 12 Chemistry 12 ⁷ Physics 12 ⁷ A language 11 ³ or waiver	Language Arts Sciences Mathematics & Computation
Fine Arts;	English 12 or English 12 First Peoples Pre-Calculus 11 or Foundations of Math 12 ² A language 11 ³ or waiver An approved Grade 11 science ⁴	Language Arts Visual & Performing Arts Social Studies
Forestry (BSF, BSFS, BSCN, BSCW, BUF)	English 12 or English 12 First Peoples Pre-Calculus 12 One of Biology 12, Chemistry 12, or Physics 12 Biology 11 or Physics 11 Chemistry 11 A language 11 ³ or waiver	Language Arts Sciences Mathematics & Computation



International Economics	English 12 or English 12 First Peoples Pre-Calculus 12 A language 11 ³ or waiver An approved Grade 11 science ⁴	Language Arts Mathematics & Computation ⁵ Social Studies ⁶
Kinesiology	English 12 or English 12 First Peoples One of Biology 12, Chemistry 12, Physics 12, or Pre-Calculus 12 Pre-Calculus 11 or Foundations of Math 12 ² An approved Grade 11 science ⁴ A language 11 ³ or waiver	Language Arts Sciences Mathematics & Computation Social Studies
Land and Food Systems (BSAB; BSFN)	English 12 or English 12 First Peoples Pre-Calculus 12 One of Biology 12, Chemistry 12, or Physics 12 Chemistry 11 Physics 11 A language 11 ³ or waiver	Language Arts Sciences Mathematics & Computation Social Studies
Media Studies	English 12 or English 12 First Peoples One of Geography 12, History 12, or English Literature 12 Pre-Calculus 11 or Foundations of Math 12 ² A language 11 ³ or waiver An approved Grade 11 science ⁴	Language Arts Social Studies Mathematics & Computation Visual & Performing Arts
Music	English 12 or English 12 First Peoples Pre-Calculus 11 or Foundations of Math 12 ² A language 11 ³ or waiver An approved Grade 11 science ⁴	Language Arts Visual & Performing Arts Second Languages
Science	English 12 or English 12 First Peoples Pre-Calculus 12 One of Biology 12, Chemistry 12, or Physics 12 Chemistry 11 Physics 11 A language 11 ³ or waiver	Language Arts Sciences Mathematics & Computation

Notes:

¹ Does not include any courses classified as Applied Design, Skills, and Technologies, Career Education, Faith-based or Physical and Health Education.

² BC/YT students only.

³ BC/YT students only. A beginner's Language 11 does not satisfy this requirement. Applicants may present any International Baccalaureate (IB) Ab Initio Language in place of Language 11.

⁴ BC/YT students only; Applied Physics 11 and 12 (together these courses meet both the Grade 11 Science requirement and the Physics 11 requirement), Biology 11, Chemistry 11, Earth Science 11, Environmental Sciences 11, Life Sciences 11, or Physics 11

⁵ The Sauder School of Business and the Bachelor of International Economics will also consider Physics and Chemistry courses as part of the Math & Computation category. These subjects provide a good background in quantitative analysis that is relevant to the study of Commerce and Economics.

⁶ The Sauder School of Business and the Bachelor of International Economics will only place an emphasis on Social Studies classes in the following subjects: Economics; Ethics; First Nations or Contemporary Indigenous Studies; Geography; Law; Psychology.

⁷ Outstanding candidates missing Chemistry 12 [or equivalent] or Physics 12 [or equivalent] are encouraged to apply and will be reviewed on a case-by-case basis.

⁸ Program pending approval from the BC Ministry of Advanced Education, Skills and Training.



The following presents categories of courses (by subject area) where course grades may be used in the overall or core academic assessments. Courses are typically presented at the Grade 11 or 12 level, although approved equivalent International Baccalaureate, Advanced Placement, or Post-secondary courses may also be used. **Subject areas below are presented as examples and do not constitute a comprehensive list of courses that may be considered in a particular category.**

Language Arts category

Includes courses that focus on language and literacy. Examples of subject areas include (but not limited to): English; English First Peoples; English/French Literature; Creative Writing.

Mathematics & Computation category

Includes courses that focus on numeracy, numerical methods, and symbolic computation. Examples of subject areas include (but not limited to): Mathematics¹; Pre-Calculus; Calculus²; Computer Science³; Statistics.

Visual & Performing Arts category

Includes courses focused upon artistic expression. Examples of subject areas include (but not limited to): Drama; Music, Media Arts.

Sciences category

Includes courses that help us better understand our natural world. Examples of subject areas include (but not limited to): Biology; Chemistry; Earth Science; Physics; Geology.

Second Languages category

Includes all second language courses, excluding Introductory Language 11 courses. Examples of subject areas include (but not limited to): French; Spanish; Japanese.

Social Studies category

Includes courses that focus on individuals, human society and culture. Examples of subject areas include (but not limited to): Comparative World Religions; Contemporary Indigenous Studies; Economics; Ethics; Geography; History; Law Studies; Media Studies; Philosophy; Political Science; Psychology; Social Justice.

Notes: ¹Applied mathematics courses, such as Foundations of Math, History of Math, or Workplace Math are not included in the assessment for any UBC program that has Pre-Calculus 12 as a pre-requisite for admission. ²While secondary school Calculus is not required for admission, the course is recognized to be rigorous and is recommended for students entering programs at UBC that require first-year Math. ³Does not include applied courses in Information and Communications Technology.

For additional information for Canadian Secondary School applicants, please see the following sections specific to different provincial jurisdictions and curricula.



Applicants Following the BC/Yukon Secondary School Curriculum

Minimum Academic Qualifications - Vancouver Campus

The minimum academic qualification for admission is secondary school graduation from a recognized secondary school, including the following Grade 11 and 12 courses:

Grade	Required Courses ¹
Grade 12	English 12 or English 12 First Peoples ¹
Grade 11	English 11 or English 11 First Peoples Principles of Mathematics 11, Pre-Calculus 11, or Foundations of Mathematics 12 Any course satisfying the Social Studies 11/12 BC/YT graduation requirement, At least one approved Science 11 ² An approved Language 11 ³

¹ Or approved equivalent International Baccalaureate, Advanced Placement, or Post-secondary course. See the table [Specific Program Requirements for Applicants Following the BC/Yukon Secondary School Curriculum](#) and the sections titled [Advanced Placement and International Baccalaureate Courses Approved to Satisfy Pre-requisites](#) and [Post-Secondary Course Credits that Count Toward High School Graduation](#).

² Applied Physics 11 and 12 (together these courses meet both the Grade 11 Science requirement and the Physics 11 requirement), Biology 11, Chemistry 11, Earth Science 11, Environmental Sciences 11, Life Sciences 11, or Physics 11

³ A beginner's Language 11 does not satisfy this requirement. Applicants may present any International Baccalaureate (IB) Ab Initio Language in place of Language 11

Minimum Academic Qualifications - Okanagan Campus

The minimum academic qualification for admission is secondary school graduation from a recognized secondary school, including the following Grade 11 and 12 courses:

Grade	Required Courses ¹
Grade 12	English 12 or English 12 First Peoples ¹

¹ Or approved equivalent International Baccalaureate, Advanced Placement, or Post-secondary course. See the table [Specific Program Requirements for Applicants Following the BC/Yukon Secondary School Curriculum](#) and the sections titled [Advanced Placement and International Baccalaureate Courses Approved to Satisfy Pre-requisites](#) and [Post-Secondary Course Credits that Count Toward High School Graduation](#).

Approved courses offered in French will also be accepted. (Français 12 is not accepted in place of English 12.)



For BC/YT students graduating in 2018 and 2019: Applicants are required to write the final examinations offered by the BC Ministry of Education (BC Provincial Examinations) that are required for graduation. For admission decisions, BC Provincial Examination results will be used if the examination result increases the applicant's admission average. However, in cases where a significant discrepancy exists between the course grade and the examination grade, UBC reserves the right to use the examination grade only.

For BC/YT students graduating in 2020: Applicants are required to provide a completed Literacy Assessment (part of the Ministry of Education graduation program) before UBC can make an offer of admission.

International Baccalaureate and Advanced Placement Courses

IB Diploma students are required to complete all courses that are part of their IB Diploma. All courses will be considered as part of the overall assessment. UBC will focus on all IB HL and SL subject areas that fall into course categories relevant to the applicant's intended area of study to form the core assessment. It is encouraged, but not necessary, to take IB courses to the HL level in subject areas related to the intended area of study. Ab Initio language courses and grades will be used in the overall and core assessments for students completing the full IB diploma.

Program requirements listed in "Program Requirements for Canadian Secondary School Applicants", Vancouver Campus and Okanagan Campus, will be applied to applicants, as appropriate, for the IB or AP curriculum presented for admission.

See the following web pages for more information:

[Vancouver Campus](#)

[Okanagan Campus](#)



Applicants Following Canadian Secondary School Curriculum

The following information should be considered in conjunction with the program-specific admission requirements listed in the tables above:

Applicants Following a Canadian Secondary School Curriculum, Vancouver Campus
Applicants Following a Canadian Secondary School Curriculum, Okanagan Campus

Applicants who have followed an academic program leading to university entrance will be considered for admission. Graduation from a recognized secondary school is required.

Alberta, NWT and Nunavut:

Equivalencies with BC

- English Language Arts 30-1 is the Alberta, NWT and Nunavut equivalent of BC English 12. English Language Arts 30-2 cannot be used as a substitute for English Language Arts 30-1.
- Mathematics 30-1 or Pure Math 30 are the Alberta, NWT and Nunavut equivalents of BC Pre-Calculus 12.
- Math 30-2, Applied Math 30, and Math 30-3 cannot be used as a substitute for Mathematics 30-1 or Pure Math 30.
- Math 31 is the Alberta, NWT and Nunavut equivalent of BC Calculus 12.
- Alberta 20-level sciences are equivalent to BC grade 11 sciences in the same subject area.

Other relevant Alberta courses

- UBC will consider Alberta, NWT and Nunavut courses numbered 30-2 towards an assessment of the applicant's breadth of coursework. However, the grades for these classes will not factor into the admission decision (Math 30-2 is the one exception; grades in Math 30-2 will be used in the academic assessment, but Math 30-2 cannot be used as a substitute for Math 30-1).
- 35-level courses and associated grades can be used in the academic assessments.
- UBC will consider Alberta, NWT and Nunavut 3-credit or 1-credit classes that are relevant to an applicant's intended area of study towards an assessment of the applicant's breadth of coursework. The grades may be used in the admissions assessment on a case-by-case basis.

Saskatchewan:

Equivalencies with BC

- English A30 and B30 together are the Saskatchewan equivalent of BC English 12; one of these two English courses can be replaced with the following Français A30, Français B30 or Français Immersion.
- English Additional Language A20 or B20 cannot be used as substitutes for English A30 and B30.
- Pre-Calculus 30 is the Saskatchewan equivalent to BC Pre-Calculus 12.
- The Saskatchewan curriculum does not offer equivalents to BC Biology 11, Chemistry 11 or Physics 11 but rather groups science 11 courses as Physical Science 20 or Health Science 20.
- Saskatchewan 30-level sciences are equivalent to BC grade 12 sciences in the same subject area.



Manitoba:

Equivalencies with BC

- The following English Language Arts 40S variants are the Manitoba equivalent to BC English 12:
 - Comprehensive Focus
 - Literary Focus
 - Transactional Focus
 - Language and Literary Forms
 - Language and Transactional FormsManitoba Anglais 40S and Français 40S can also be used to satisfy the BC English 12 requirement.
- English Language Arts 40S Language and Technical Communication and English as an Additional Language for Academic Success cannot be used as equivalents to BC English 12.
- Pre-Calculus Mathematics 40S is the Manitoba equivalent of BC Pre-Calculus 12.
- Manitoba 30S sciences are equivalent to BC grade 11 sciences in the same subject area.

Other relevant Manitoba Courses

- Calculus 45A combined with Topics in Math 45A are together considered the Manitoba equivalent to BC Calculus 12.

Ontario:

Equivalencies with BC

- ENG4U is the Ontario equivalent of BC English 12. ETS4U (Studies in Literature) and EWC4U (Writers' Craft) are Ontario equivalents to BC English Literature 12.
- MHF4U (Advanced Functions) is the Ontario equivalent of BC Pre-Calculus 12. MCV4U (Calculus and Vectors) is the Ontario equivalent of BC Calculus 12. MDM4U (Mathematics of Data Management) is the equivalent of BC Foundations of Math 12 and cannot be used to satisfy BC Pre-Calculus 12.
- Ontario 3U sciences are equivalent to BC grade 11 sciences in the same subject area.

Quebec:

Applicants graduating from the 11-year *école secondaire* system are not considered for direct admission to UBC. Such students are considered only after one year in a pre-university diploma program at a CEGEP. For more information, see [Applicants from a CEGEP](#).

Nova Scotia:

Equivalencies with BC

- Course numbering in Nova Scotia are closely aligned with those in BC. English 12 is the Nova Scotia equivalent of BC English 12.
- Pre-Calculus 12 is the Nova Scotia equivalent of BC Pre-Calculus 12.
- Nova Scotia grade 11 sciences are equivalent to BC grade 11 sciences in the same subject area.
- Calculus 12 is the Nova Scotia equivalent of BC Calculus 12.



New Brunswick:

Equivalencies with BC

- English 121 or English 122 are the New Brunswick equivalents of BC English 12.
- Pre-Calculus A 120 & Pre-Calculus B 120 (both completed) are the New Brunswick equivalent to BC Pre-Calculus 12.
- Biology 111 or 112 are the New Brunswick equivalents to BC Biology 11, Physics 111 or 112 are the equivalents to BC Physics 11, and Chemistry 111 or 112 are the equivalents to BC Chemistry 11.
- Biology 121 or 122 are the New Brunswick equivalents to BC Biology 12, Physics 121 or 122 are the New Brunswick equivalent to BC Physics 12, and Chemistry 121 or 122 are the New Brunswick equivalent to Chemistry 12.

Other relevant New Brunswick courses

- Calculus 120 is the New Brunswick equivalent of BC Calculus 12.

Prince Edward Island (PEI):

Equivalencies with BC

- ENG 621A is the PEI equivalent of BC English 12.
- MAT 611B, or one of MAT 621A or MAT 621B are PEI equivalents of BC Pre-Calculus 12.
- BIO 621A is the PEI equivalent of BC Biology 12, CHE 621A is the PEI equivalent of Chemistry 12, and PHY 621A is the PEI equivalent of BC Physics 12.

Newfoundland and Labrador

Equivalencies with BC

- English 3201 is the Newfoundland/Labrador equivalent of BC English 12.
- Math 3200 or 3201 or 3208 are the Newfoundland/Labrador equivalents of BC Pre-Calculus 12. Math 3103 and Math 3206 cannot be used as equivalents of BC Pre-Calculus 12.
- Biology 3201 is the Newfoundland/Labrador equivalent of BC Biology 12, Chemistry 3202 is the Newfoundland/Labrador equivalent of BC Chemistry 12, and Physics 3204 is the Newfoundland/Labrador equivalent of BC Physics 12.