



**UBC INTEGRATED AND GENERAL SCIENCE
GRADUATION CHECKLIST**

Name: _____ Student Number: _____
 Email Address: _____ Phone Number: _____
 Science Specialization: _____
 Minor: _____

LOWER-LEVEL SCIENCE REQUIREMENTS – Courses cannot be Credit/D/Fail

1	One of: <input type="checkbox"/> Chemistry 12 OR <input type="checkbox"/> CHEM 111 One of: <input type="checkbox"/> Physics 12 OR <input type="checkbox"/> PHYS 100	CHEM PHYS (must have 6 credits beyond CHEM 111 and PHYS 100)
2	One of: MATH 100 MATH 102 MATH 104 MATH 110 MATH 120 MATH 180 MATH 184	One of: MATH 101 MATH 103 MATH 105 MATH 121 Or other computational course: _____
3	<input type="checkbox"/> Biology 11 or 12 AND _____ (ASTR/BIOL/EOSC/GEOB)	OR BIOL 111

COMMUNICATION REQUIREMENT – Two 3 Credit Courses (Total 6 Credits)

_____ Course Code _____ Credit Value _____ Course Code _____

ARTS REQUIREMENT

Arts courses can only be used for one of the requirements – Not for both Arts & Breadth

 Total (min. 12 credits)

BREADTH REQUIREMENT

Arts or Science Courses (outside the field of the Major)
*****For Integrated Science students only.*****

 Total (min. 9 credits)

“OTHER” CREDIT ALLOWANCE (OPTIONAL) – Cannot be Credit/D/Fail if completing a minor

List all credits from Faculties “other” than Arts and Science (Sauder School of Business, Kinesiology, Land and Food Systems, etc.) here, to a **maximum of 18 credits**:

CREDIT TOTALS

	Completed	In Progress	Total	Required (see back)
Total Credits: includes all UBC courses, transfer credits & advance credits. DO NOT count credit excluded courses, Coop credits or courses “not for credit in the Faculty of Science”.				
Science Credits: includes all required & elective Science courses at all year levels.				72
Upper-Level Credits: includes all courses at the 300-level and 400-level in any field (Arts, Science, and a maximum of 18 “Other” credits).				
Upper-Level Science Credits: includes all Science courses at the 300-level and 400-level, both required and elective credits.				



UBC INTEGRATED AND GENERAL SCIENCE GRADUATION CHECKLIST INFORMATION

If your credit totals meet (or exceed) the minimum requirements and you have completed the Arts, Breadth and Lower-Level Science requirements, then you have satisfied all of the faculty requirements for a BSc degree. If you have any questions or identify any problems then please contact our office (bring this sheet).

1) Where are the **Faculty of Science requirements** listed?

The requirements are listed on the UBC Calendar website [here](#). They include the Communications, Arts, Breadth, Lower-Level (first-year), and Science requirements. All of these are clearly covered in the form. The Upper-Level requirement is listed below.

	Major	Major plus Minor in Science	Double Major (both Science)	Dual Degree Science & Arts	Honours & Combined Hon.	Honours plus Minor in Science
Upper-Level credits (courses 300+)	48	48	60	60	48	60
Of which must be Science courses 300+	30	42	54	30	42	54

The Faculty of Science requires a **minimum total of 120 credits**.

2) What are **credit-excluded courses**?

These are courses in which there is sufficient overlap that credit may be obtained for only one course in each group. Some courses, although credit excluded with others, may not satisfy specific specialization requirements. Check out the [list of credit-excluded courses](#) in the UBC Calendar.

3) Which courses have **Science credit**?

Most courses offered by the Faculty of Science have Science credit, except for courses which are “not for credit in the Faculty of Science”. Examples are EOSC 310, MATH 335 or CHEM 430. The following courses (not in the Faculty of Science) also have Science credit:

- **Geography** courses with Science credit completed prior to the 2009-2010 Winter Session are numbered 00-09 in the last digits, plus GEOG 370, 372, 373, and 470. (GEOG 449 also carries Science Credit but only for B.Sc. Honours Geography students)
- **Psychology**: In addition to PSYC 348 and 448, all Psychology courses numbered 60 or above in the last two digits have Science credit.
- **Land and Food Systems**: FNH 350, 351, 450, 451.
- **Faculty of Medicine**: CAPS 390, CAPS 391; all BIOC, PCTH, and PHYL courses; MEDG 410-421.

4) Which courses have **Arts credit**?

Almost any course offered by the Faculty of Arts has Arts credits. Prior to 2009-2010 Winter Session, only **Geography** courses numbered 20 and above in the last two digits except those numbered 40-48 and 70-79 in the last two digits can be used as an Arts credit. Students majoring in **Psychology** may only use up to 6 Psychology Arts credits to satisfy their Arts requirements. A maximum of 8 credits from ensemble courses in musical performance (MUSC 150-165) may be used.

5) What satisfies the **Breadth requirement**?

The Breadth requirement can be satisfied by Arts electives and/or Science electives outside the field of the Major. Any Arts courses must be in addition to the 12 required Arts credits. Science courses cannot be required courses (i.e., PHYS 100) and cannot be within the field of the Major. [Learn more](#).

6) What are **“Other” credits**?

Any course that does not have Science or Arts credit (see above) is considered to be “other” credit. This includes all courses in Kinesiology, Sauder School of Business, Applied Science, Education, most courses in Land and Food Systems and Medicine, etc.

7) What should I look for in **Advance or Transfer Credits**?

A maximum of 60 credits from another institution will be used toward a Major BSc degree. Credit will not be given for the same (or equivalent) course transferred to UBC and taken at UBC (e.g., AP or IB credit for MATH 100 is not counted if you also take MATH 100 at UBC). Some courses appear as transfer credit but do not apply to the BSc degree (e.g., STAT 203). Also watch for “**not for credit in Science**”. Some courses carry more credit than Science will grant; e.g., MATH 111 (6) satisfies the MATH 100 requirement but is only worth 3 credits toward the BSc. Second-year transfer credit that exempts you from a third-year course at UBC (e.g., BIOL 2nd, precludes credit for BIOL 334) does not contribute upper-level credit toward your degree. Normally, only 100- and 200-level courses are transferable to your BSc degree unless the Science Information Centre has given approval. With approval, up to 6 credits of upper-level coursework transferred may be counted toward the BSc.

8) Is there a maximum number of credits allowed for my degree?

Students must meet all the graduation requirements for the degree within a maximum of 180 credits of coursework attempted. Those who do not will be required to withdraw from the Faculty.

Please contact the [Science Student Information Centre](#) if you have any questions.