SFU and UBC Science Requirements

\*Very few programs require Biology, all of the programs require Pre-Calculus

SFU Sciences

* English 11 and 12 (min 70%)
* Language 11
* Minimum of 5 approved academic grade 12 courses

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| Applied Science – Engineering* Foundations or Pre-Calc 11
* One Science 11
* Pre-Calculus 12 (min 75%)
* Calculus 12 (min 70%)
* Chemistry 12 (min 75%)
* Physics 12 (min 75%)
 | Applied Science – Computing, GIS, Software* Foundations or Pre-Calc 11
* One Science 11
* Bio, Chem or Physics 12
* Pre-Calculus 12
* Calculus 12
 |
| All Science Programs * Foundations or Pre-Calc 11
* Chemistry 11
* Physics 11
* Pre-Calculus 12
* Two of Bio 12, Calculus 12, Chemistry 12 or Physics 12
 | Health Sciences – BSc* Foundations or Pre-Calc 11
* One Science 11
* Biology 12
* Chemistry 12
* Calculus 12 or Pre-Calculus 12
 |
| Environmental Science* Foundations or Pre-Calc 11
* Chemistry 11
* Physics 11
* Pre-Calculus 12
* Two of Bio 12, Calculus 12, Chemistry 12 or Physics 12
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UBC Sciences

* Minimum of 70% in Grade 11 and Grade 12 English
* Language 11
* At least six academic/non-academic Grade 12 courses

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| Applied Science - Engineering* Pre-Calculus 11 or Foundations of Math 12
* Chemistry 11
* Physics 11
* Pre-Calculus 12
* Chemistry 12
* Physics 12
 | Applied Biology* Chem 11
* Physics 11
* Pre-Calculus 11 or Foundations of Math 12
* Pre-Calculus 12
* Bio 12, Chem 12 or Physics 12
 |
| Dental Hygiene* Bio 11
* Chem 11
* Pre-Calculus 11 or Foundations of Math 12
* Bio 12
* Chem 12
 | Food, Nutrition, and Health* Chemistry 11
* Physics 11
* Pre-Calculus 11 or Foundations of Math 12
* Pre-Calculus 12
* Bio, Chem or Physics 12
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| Forestry; Forest Bioeconomy Sciences and Technology; Forest Sciences; Natural Resources Conservation* Biology 11 (can have Physics 11 instead, but should have Bio 12)
* Pre-Calculus 11 or Foundations of Math 12
* Pre-Calculus 12
* Bio, Chem, or Physics 12
 | Science* Chemistry 11
* Physics 11
* Pre-Calculus 11 or Foundations 12
* Pre-Calculus 12 Min 67%
* Bio, Chem or Physics 12
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| Kinesiology* Pre-Calculus 11 or Foundations of Math 12
* A Science 11
* Pre-Calculus 12, Bio, Chem or Physics 12
 | Pharmaceutical Sciences* Chemistry 11
* Pre-Calculus 11 or Foundations of Math 12
* Pre-Calculus 12 min 67%
* Bio, Chem or Physics 12
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