

## Self-Assessment of BSc Degree Requirements

**Important: You must follow ALL of one set of requirements below** (e.g. left OR right column).

You cannot pick and choose between the two options.

Old Requirements	New Requirements
Default for students who started their UBC BSc degree before April 2018. *Full details archived in Academic Calendars up to and including 2018-2019.	Default for students who started their UBC BSc degree in or after May 2018. *Full details published in the 2019-2020 Academic Calendar
Lower Level Requirements	Lower Level Requirements
COMPUTATIONAL SCIENCES	FOUNDATIONAL REQUIREMENT
Complete one of: <input type="checkbox"/> MATH 100, 102, 104, 110, 180, 184, or 120 <b>AND</b> <input type="checkbox"/> 6 computational credits (CPSC, MATH, or STAT)	Biology 11 or Biology 12 credit: <input type="checkbox"/> Credit fulfilled <b>OR</b> If no Biology 11 or Biology 12 credit: <input type="checkbox"/> 3 credits of 100-level BIOL (usually BIOL 111)
PHYSICAL SCIENCES	
Chemistry 12 Credit: <input type="checkbox"/> Credit fulfilled <b>OR</b> If no Chemistry 12 credit: <input type="checkbox"/> CHEM 100 or 111	Chemistry 12 credit: <input type="checkbox"/> Credit fulfilled <b>OR</b> If no Chemistry 12 credit: <input type="checkbox"/> CHEM 100 or CHEM 111
Physics 12 Credit: <input type="checkbox"/> Credit fulfilled <b>OR</b> If no Physics 12 credit: <input type="checkbox"/> 3 credits of 100-level PHYS (normally PHYS 100)	Physics 12 credit: <input type="checkbox"/> Credit fulfilled <b>OR</b> If no Physics 12 credit: <input type="checkbox"/> 3 credits of 100-level PHYS
<input type="checkbox"/> 6 to 8 credits of CHEM and/or PHYS lecture courses at the 100-level beyond CHEM 100 and PHYS 100	
BIOLOGY REQUIREMENT	LABORATORY SCIENCE REQUIREMENT
Biology 11 or 12 Credit: <input type="checkbox"/> 3 credits of an ASTR, ATSC, BIOL, EOSC, or GEOB lecture course. <b>OR</b> If no Biology 11 or 12 credit: <input type="checkbox"/> 3 credits of 100-level BIOL (usually BIOL 111).	Complete one of: <input type="checkbox"/> ASTR 101 <input type="checkbox"/> ASTR 102 <input type="checkbox"/> BIOL 140 <input type="checkbox"/> CHEM 111 <input type="checkbox"/> CHEM 121 <input type="checkbox"/> CHEM 123 <input type="checkbox"/> EOSC 111 <input type="checkbox"/> PHYS 101 <input type="checkbox"/> PHYS 107 <input type="checkbox"/> PHYS 109 <input type="checkbox"/> PHYS 119 <input type="checkbox"/> PHYS 159 <input type="checkbox"/> SCIE 001
LABORATORY SCIENCE	
<input type="checkbox"/> Two one-term laboratory courses chosen from ASTR, BIOL, CHEM, EOSC, GEOB, PHYS, and PSYC.	
*These may be stand-alone labs or parts of lecture-lab courses included in other requirements listed above.	
<b>Note: Science One (SCIE 001)</b> Students with credit for Science One (SCIE 001) <u>and</u> BIOL 140 satisfy: <ul style="list-style-type: none"> <li>• Lower level requirements for physical sciences, biology, and laboratory science AND</li> <li>• 6 of 9 required credits in computational science.</li> </ul>	

Old Requirements	New Requirements
<b>Breadth Requirement*</b>	<b>Science Breadth Requirement</b>
<p>*See Science, Arts and Breadth Requirement in the Academic Calendar</p> <p><input type="checkbox"/> 9 credits combined in Science courses <a href="#">outside the field of major</a> or in additional Arts courses</p>	<p>You will have completed some of these courses as part of your specialization. Promotion to fourth year requires that you complete all but one of the courses below. See Academic Calendar for more details.</p> <p>Students in a major or honours specialization must successfully complete at least <b>3 credits each from any 6 of the 7 categories.</b></p> <p>Students in a combined major or combined honours specialization must successfully complete at least <b>3 credits each from any 5 of the 7 categories.</b></p> <p><b>1. Mathematics</b>  <input type="checkbox"/> All MATH courses, except MATH 302</p> <p><b>2. Chemistry</b>  <input type="checkbox"/> All CHEM courses, except CHEM 100, 300</p> <p><b>3. Physics</b>  <input type="checkbox"/> All PHYS courses, except PHYS 100</p> <p><b>4. Life Science</b>  <input type="checkbox"/> All BIOL courses except BIOL 140, 300; All BIOC, MICB courses; GEOB 207; PSYC - courses numbered from 60 to 89 in the last 2 digits</p> <p><b>5. Statistics</b>  <input type="checkbox"/> BIOL 300, DSCI 100, MATH 302, all STAT courses</p> <p><b>6. Computer Science</b>  <input type="checkbox"/> All CPSC courses</p> <p><b>7. Earth &amp; Planetary Science</b>  <input type="checkbox"/> All ASTR, ATSC, ENVR, EOSC, GEOB courses except EOSC 111 and GEOB 207</p> <p><b>Note: Science One (SCIE 001)</b>  Students with credit for Science One (SCIE 001) satisfy at least 3 credits each from the Mathematics, Chemistry, Physics and Life Science categories.</p>

If you have reviewed the information above and would like to request to follow the other set of requirements, complete the [online request form](#). If you want to follow your default requirements, you do not need to take any action.

As a reminder, you are required to complete ALL of the requirements in only one of the columns above.

## Questions?

Visit Science Advising in person or give us a call at 604.822.3820. We are best able to help through a conversation, please do not email.