<table>
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<tr>
<th>First Year</th>
<th>BIOL 112 ____</th>
<th>BIOL 121 ____</th>
<th>BIOL 140 ____</th>
<th>CPSC 110 ____</th>
<th>CPSC 121 ____</th>
<th>MATH 100, 102, 104, 120, 180, or 184 ____</th>
<th>MATH 101, 103, 105, or 121 ____</th>
<th>*CHEM 111/121 ____</th>
<th>*CHEM 123 ____</th>
<th>Communication Requirement 6cr of ENGL 100, 110, 111, 112, 120, 121 or SCIE 113:</th>
<th>33cr</th>
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<tr>
<td>Second Year</td>
<td>BIOL 200 ____</td>
<td>One of BIOL 233 or 234 ____</td>
<td>CPSC 210 ____</td>
<td>CHEM 233 ____</td>
<td>CHEM 235 ____</td>
<td>MATH 200 ____</td>
<td>STAT 200 or BIOL 300 ____</td>
<td>ENGL ______  and ENGL or SCIE 113 ____</td>
<td>34cr</td>
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| Third Year | BIOL 335 ____  | BIOL 336 ____  | STAT 302 ____  | CPSC 310 ____  | CPSC 320 ____  | 7 credits from:  
BIOC 302 ____  BIOC 301 ____  
BIOL 431 ____  BIOC 370 ____  
BIOL 432 ____  BIOC 331 ____  
BIOL 434 ____  BIOC 340 ____  
BIOL 435 ____  BIOC 341 ____  
BIOL 437 ____  BIOC 347 ____  
  | *Bioinformatics or Genomics Electives [6cr]  
  
  | 65cr |
| Fourth Year | BIOL 449 or CPSC 449 ____  | MICB 405 ____  | CPSC numbered 300 or above [6cr]:  
  |  | Two of:  
CPSC 304 ____  CPSC 313 ____  
CPSC 420 ____  CPSC 421 ____  
CPSC 445 ____  CPSC 447 ____  
  | **Arts [12cr]  
  
  | 132cr |

* Bioinformatics or Genomics Electives can be upper level BIOC, BIOL, CPSC, MATH, MICB or STAT course. Recommended courses are BIOL 338, 430, 436, 440. Students not taking CPSC 449 must have at least 3 credits of CPSC courses 400 or above out of the 6 credits used to satisfy this requirement.

Faculty of Science Elective Requirements *(May be any level as long as the upper level requirement of 48 upper level credits including at least 30 credits from the Faculty of Science is satisfied. Also, up to 18 credits of course work in a faculty other than Science or Arts may be taken for credit.)*

Arts Electives - 12 credits from the Faculty of Arts
Electives – May be from any faculty.

For advising contact Shona Ellis – shona@mail.ubc.ca (Biology) or info@cs.ubc.ca (Computer Science)