# Program Worksheet: Honours Biology

<table>
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<th>First Year</th>
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| BIOL 112  ____  
BIOL 121  ____  
BIOL 140 or 180  ____  
CHEM 121 or CHEM 120 & 115  ____  
CHEM 123 or CHEM 130 & 135  ____ |

**One of:**  
PHYS 101, 106, 107, 117, 131  ____  

**One of:**  
CPSC 100, 103, 110, 301 or DSCI 100  ____  

**One of:**  
MATH 100, 102, 104, 120, 180, or 184  ____  

**One of:**  
MATH 101, 103, 105, or 121  ____  

**Communication Requirement 6cr of:**  
WRDS 150; SCIE 113; any of ENGL 100, 110, 111, 112, 120, or 121; SCIE 300 or CHEM 300; APSC 176; LFS 150; FRST 150, Arts One; ASTU 100, 101:

| Second Year | *Biology Fundamentals Courses:*  
BIOL 200  ____  
BIOL 230  ____  
BIOL 260  ____  
BIOL 233 or 234  ____  |

*Organismal Courses:*  
Two from:  
BIOL 203  ____  
BIOL 204  ____  
BIOL 205  ____  
BIOL 209  ____  
BIOL 210  ____  
MICB 201 or 211  ____  
CHEM 233  ____  
CHEM 235  ____  
CHEM 203  ____  
CHEM 223  ____  
CHEM 225  ____  
Arts Electives [12cr]

| Third Year | **Life Science Selections [24cr]**  
BIOL 300  ____  
BIOL 336  ____  
BIOL 347  ____  
BIOL 447  ____  
BIOL 449  ____  |

**Biology Lab Selections**  
Two from list:

Electives [13cr]

| Fourth Year | Electives  
____  
____  
____  
____ |

Minimum Total Credits = 132

* One Organisnal and/or one Fundamentals course and CHEM 235 can be deferred to third year.

**Biological Laboratory Selections 2 of:**  

MRNE courses may be taken with permission of a biology advisor.

***Life Science Selection – 24 credits (at least 18 credits must be BIOL or MRNE courses; at least 9 credits of which should be at the 400 level.):***  

**Note:** Life Science Selections do not include BIOL 300 and 336. Four credits of Biology lab selections are required; additional credits from Biology Lab Selections may count as Life Science Selections [i.e., BIOL 351 (4cr) = 2cr Biology Lab Selections & 2cr Life Science Selections].

**Faculty of Science Elective Requirements** *(May be any level if 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.