

# Program Worksheet: Honours Biology

<b>First Year</b>	BIOL 112 ____ BIOL 140 ____ BIOL 121 ____  CHEM 111/121 ____ CHEM 113/123 ____	One of: PHYS 101, 107, 117 ____  One of: CPSC 100, 103, 110 ____	One of: MATH 100, 102, 104, 120, 180, or 184 ____  One of: MATH 101, 103, 105, or 121 ____	<b>Communication Requirement 6cr of</b> WRDS 150; SCIE 113; any of ENGL 100, 110, 111, 112, 120, or 121; SCIE 300 or CHEM 300; APSC 176; LFS 150; Arts One; ASTU 100, 101:  _____ and _____
<b>Second Year</b>	* <b>Biology Fundamentals Courses:</b> BIOL 200 ____ BIOL 230 ____ BIOL 260 ____  BIOL 233 ____ or BIOL 234 ____	* <b>Organismal Courses:</b> <b>Two</b> from: BIOL 203 ____ BIOL 204 ____ BIOL 205 ____ BIOL 209 ____ BIOL 210 ____ MICB 201 ____	CHEM 233 ____ CHEM 235 ____ or CHEM 203 ____	Arts Electives [12cr]  _____ _____ _____
<b>Third Year</b>	*** <b>Life Science Selections</b> [24cr]  _____ _____ _____	BIOL 300 ____ BIOL 336 ____ BIOL 347 ____	** <b>Biology Lab Selections</b> <u>Two</u> from list:  _____ _____	
<b>Fourth Year</b>	_____ _____ _____ _____ _____ _____	BIOL 447 ____ BIOL 449 ____	Electives [13cr]  _____ _____ _____	
<b>Minimum Total Credits = 132</b>				

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

**\*\*Biology Laboratory Selections 2 of:**

BIOL 326, 331, 337, 340, 341, 342, 351, 352, 363, 404, 409, 437

**\*\*\*Life Science Selection – 24 credits (at least 18 credits must be BIOL or MRNE or ENVR 430):**

\* Life Science selections that count towards the Science credit requirement: Any third- or fourth-year course in BIOC, BIOL, CAPS, MICB, MRNE, or PHYL that is open to Life Science majors plus: EOSC 470, 471, 474, 475, 476, 478, ENVR 430, GEOB 307, 407, FNH 350, 351, 451, MATH 462, MEDG 410, 419, 420, 421, PCTH 305. Life Science selections that do not count towards the Science credit requirement: APBI 311, 312, 314, 315, 318, 342, 401, 411, 418, 419, 432, 444, CONS 330, 440, 486, FRST 302, 310, 385, 386, 395, 399, 420, 444, 485, 495. **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 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.