

Program Worksheet: Honours Biology

First Year	BIOL 112 ____ BIOL 121 ____ BIOL 140 or 180 ____ One of CHEM 111, 121, 141 or CHEM 120 & 115 ____ CHEM 123 or CHEM 130 & 135 ____	<i>One of:</i> PHYS 101, 106, 107, 117, 131 ____ <i>One of:</i> CPSC 100, 103, 110, 301 or DSCI 100 ____	<i>One of:</i> MATH 100, 102, 104, 110, 120, 180, or 184 ____ <i>One of:</i> 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: _____ and _____
Second Year	*Biology Fundamentals Courses: BIOL 200 ____ BIOL 230 ____ BIOL 234 ____ BIOL 260 ____	*Organismal Courses: <u>Two</u> from: BIOL 203 ____ BIOL 204 ____ BIOL 205 ____ BIOL 209 ____ BIOL 210 ____ MICB 211 ____	<i>One of:</i> CHEM 233 ____ CHEM 235 ____ or CHEM 203 ____ or CHEM 223 ____ CHEM 225 ____	Arts Electives [12cr] _____ _____ _____ _____
Third Year	*** Life Science Selections [24cr] _____ _____ _____ _____ _____ _____ _____	BIOL 300 ____ BIOL 336 ____ BIOL 347 ____	** Biology Lab Selections <u>Two</u> from list: _____ _____ _____	
Fourth Year	_____ _____ _____ _____ _____ _____ _____	BIOL 447 ____ BIOL 449 ____		Electives [13cr] _____ _____ _____ _____
Minimum Total Credits = 132				

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

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

BIOL 306, 311, 326, 331, 337, 340, 341, 351, 352, 363, 402, 403, 404, and 437.

NOTE: 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.):**

* Life Science selections that count towards the Science credit requirement: Any third- or fourth-year course in BIOC, CAPS, MICB, or MRNE that is open to Life Science Majors plus: ENVR 430, EOSC 470, 471, 474, 475, 478, GEOB or GEOS 307, 407, FNH 350, 351, 451, MATH 462, MEDG 410, 419, 420, 421, PCTH 305, 325. Life Science selections that do not count towards the Science credit requirement: APBI 311, 312, 314, 315, 318, 342, 401, 411, 418, 419, 442, 444, CONS 330, 440, 486, FRST 302, 310, 385, 386, 395, 399, 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 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.