

# Program Planning in Biology - Worksheet

<b>First Year</b>	BIOL 112 _____ BIOL 140 _____ BIOL 121 _____	MATH 100, 102, 104, 110, 120, 180, or 184 _____	English 1st [3cr] _____	<b>31 cr</b>	
		MATH 101, 103, 105, or 121 _____  CHEM 121 _____ CHEM 123 _____ PHYS 101 _____	English 1st [3cr] _____  or SCIE 113 _____		
<b>Second Year</b>	*Biology Fundamentals Courses: BIOL 200 _____ BIOL 230 _____ BIOL 234 _____ BIOL 260 _____	*Organismal Courses: <u>Two</u> from: BIOL 204 _____ BIOL 205 _____ BIOL 209 _____ BIOL 210 _____ MICB 201 _____	CHEM 233 _____ CHEM 235 _____  Electives [0-3cr] _____	Arts and/or Breadth Elect [6cr] _____ _____	<b>30-31 cr</b>
<b>Third Year</b>	BIOL 300 _____ BIOL 336 _____	***Life Science Selections: _____ _____ _____	**Biology Lab Selections <u>Two</u> from list: _____ _____	Arts and/or Breadth Elect [6cr] _____ _____	<b>28-30 cr</b>
<b>Fourth Year</b>	Life Science Selections: _____ _____ _____	Electives [12cr] _____ _____ _____	Arts and/or Breadth Elect [9 or 12cr] _____ _____	<b>29-31 cr</b>	
<b>Minimum Total credits</b>				<b>120 cr</b>	

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

**\*\*Biology Laboratory Selections:**

BIOL 326, 337, 340, 341, 351, 352, 360, 363, 404, 409, 437, 444

**\*\*\*Life Science Selection (at least 12 credits must be BIOL):**

Life Science selections that count towards the Science credit requirement: Any third- or fourth-year course in BIOC, BIOL, MICB, MRNE, or PHYL that is open to Life Science majors plus: ANAT 390, 391 EOSC 371, 470, 471, 474, 475, 476, 478 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, 444 CONS 330, 440, 486 FRST 302, 310, 385, 386, 395, 399, 420, 444, 485, 495

**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 (additional 3 credits if SCIE 113 is taken)

**Breadth Electives - 9 credits** must be in Arts or in Science outside the field of major. *The field of major being Life Sciences breadth electives cannot be BIOC, BIOL, MICB, MRNE, EOSC 470, 471, 474, 475, 476, 478; PSYC 304, 306, PSYC (Science) and Science credit courses in the Faculties of Medicine and Land & Food Systems.*

**Electives** – May be from any faculty.

For advising please contact Shona Ellis (shona@mail.ubc.ca)