# Program Worksheet: Honours Plant Biology

| First Year | BIOL 112 ____ | One of: PHYS 101, 107, 117 ____ | One of: MATH 100, 102, 104, 120, 180, or 184 ____ | 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; Arts One; ASTU 100, 101: ____ and ____ | 31cr |
| Second Year | *Biology Fundamentals Courses: BIOL 200 ____ BIOL 230 ____ BIOL 260 ____ BIOL 233 ____ Or BIOL 234 ____ | *Organismal Courses: BIOL 209 ____ BIOL 210 ____ | CHEM 233 ____ CHEM 235 ____ or CHEM 203 ____ | Electives [3cr]: ____ | 30cr |

Minimum Total Credits = 132cr

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

***Life Science Selection:
****Plant Biology Selections:
BIOL 320 - Survey of Algae
BIOL 321 – Morphology and Evolution of Bryophytes
BIOL 322 – Structure and Evolution of Ferns and Fern-allies
BIOL 323 – Structure and Reproduction of Fungi
BIOL 406 - Plant Ecology I
BIOL 412 - Phytogeography
BIOL 416 – Principles of Conservation Biology
BIOL 418 – Evolutionary Biology
BIOL 421 - Plant-Microbe Interactions
BIOL 423 – Plant Stress Ecophysiology
BIOL 433 - Plant Genetics
BIOL 462 - Ecological Plant Biochemistry

Note: MRNE courses may be taken with permission of a Biology advisor.

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.