

# Botany Option

The courses listed here are in addition to the General Education requirements of the university. Your advisor may recommend Specific General Education (Gen Ed) courses. Latest update: 5 August 2009. Advisors: [Dr. Brian Maricle](#), [Dr. Joseph Thomasson](#).

	<b>Credit Hours</b>
<b>Tier I: * required course for Botany option</b> * BIOL 180/180L Principles of Biology/Lab [fall and spring] * BIOL 325/325L Genetics/Lab [fall and spring] <b>At least 2 of the following required:</b> * BIOL 250/250L Introductory Botany/Lab [fall and spring] BIOL 260/260L Introductory Zoology/Lab [fall and spring] * BIOL 490/490L General Microbiology/Lab [spring only]	4 4  4 4 5
<b>Tier II: at least 4 courses required (* required for option)</b> BIOL 330/330L Plant Anatomy/Lab [spring only; even-numbered years] BIOL 345/345L Human Anatomy/Lab [spring only] BIOL 346/346L Human Physiology/Lab [fall only] * BIOL 395/395L Ecology/Lab [spring only] BIOL 420 Evolution [fall only; odd-numbered years] BIOL 435/435L Cellular Biology/Lab [spring only] BIOL 450/450L Comparative Anatomy/Lab [fall only; even-numbered years] * BIOL 495/495L Plant Physiology/Lab [spring only; odd-numbered years] * BIOL 620/620L Biostatistics/Lab [fall only]	4 4 4 4 3 4 4 4 4
<b>Tier III: * required course for option</b> * BIOL 610/610L Taxonomy of Flowering Plants/Lab [fall only] * BIOL 643/643L Entomology/Lab [fall only] <b>At least 3 of the following required:</b> BIOL 619/619L Aquatic Biology/Lab BIOL 629 Agrostology [fall only; odd-numbered years] BIOL 632 Dendrology [spring only; odd-numbered years] BIOL 638 Range Plants [fall only]	4 4  3 3 3 3
<b>Cognates: * required course for option</b> * AGRI 215 Soils * CHEM 120/120L University Chemistry I/Lab * CHEM 122/122L University Chemistry II/Lab * CHEM 304/304L Essentials of Organic Chemistry/Lab * MATH 331 Calculus Methods	4 5 (Gen Ed) 5 5 3 (Gen Ed)
Additional General Education Courses	48

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