

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. Advisors: [Dr. Brian Maricle](#), [Dr. Joseph Thomasson](#).

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

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