Plant Biology Option

Freshman Year	Credits
BIOB 170IN - Principles of Biological Diversity	4
BIOB 160 - Principles of Living Systems	4
CHMY 141 - College Chemistry I & CHMY 142 - College Chemistry I Lab	4
CHMY 143 - College Chemistry II & CHMY 144 - College Chemistry II Lab	4
Select one of the following:	3
COMX 111US - Introduction to Public Speaking (formerly COM 110US)	
CLS 101US - Knowledge and Community	
WRIT 101W - College Writing I	3
M 161Q - Survey of Calculus	4
University Core and Electives	4
Year Total:	30
Sophomore Year	**Credits**
BIOO 220 - General Botany	3
CHMY 211 - Elements of Organic Chemistry & CHMY 212 - Elements of Organic Chemistry Lab	5
PHSX 205 - College Physics I	4
Choose the Physics Option:	7
PHSX 207 - College Physics II	
BIOB 318 - Biometry or STAT 216Q - Introduction to Statistics	
Or Choose the Statistics Option:	6
STAT 216Q - Introduction to Statistics	
STAT 337 - Intermediate Statistics with Introduction to Statistical Computing	
University Core and Electives	5
Year Total:	30
Junior Year	**Credits**
BIOB 375 - General Genetics	3
BIOE 370 - General Ecology	3
BCH 380 - Biochemistry & BCH 381 - Biochemistry Lab	5
University Core and Electives	19
Year Total:	30
Senior Year	**Credits**
BIOB 420 - Evolution	3
Select one of the following:	3
BIOO 433 - Plant Physiology	
BIOO 437 - Plant Development	
BIOO 460 - Plant Metabolism	
BIOB 490R - Undergraduate Research	1-4
University Core and Electives	21
Year Total:	30
Total Program Credits:	**120**

Additional Requirements:

A minimum of 20 credits of advisor-approved plant biology electives must be taken, at least 16 of which must be upper division. Up to 7 total credits may be included from BIOB/HORT 492, and BIOB/HORT 498 courses. Electives could come from any plant biology courses in the Plant Sciences and Plant Pathology Department (e.g., AGSC 454--Agrostology, BIOO 435--Plant Systematics, BIOO 437--Plant Development, BIOO 460--Plant Metabolism), other plant courses in the Plant Sciences and Plant Pathology Department (e.g., BIOM 421--Concepts of Plant Pathology, BIOM 423--Mycology, etc.), and selected courses in the departments of Animal & Range Sciences, Land Resources & Environmental Sciences, Ecology, Microbiology, Cell Biology & Neuroscience, Earth Sciences, Mathematical Sciences, and Computer Science.