

Plant Biology Track

Choose 12 credit hours from the following list of courses:

Courses	Prerequisites	Semesters offered
*BIO 380 (1-4) Special Topics in Biology (Intermediate Level)	Determined by Instructor.	TBD
BIO 310 (3) The Life Processes of Plant	BIO 152	Fall
BIO 351 (3) Plant Kingdom	Any introductory course in Biology.	Fall
BIO 394/395/397 (1-3) Research in Neuroscience/Biology/Microbiology (max 3 credit hours toward track)	BIO 152 and BIO 302 or PSY 312 / BIO 148, BIO 152 and BIO 155 or equivalent. Completion of at least one of the Biology core courses (Cell Biology, Evolution, Genetics, Physiology, Ecology) is strongly recommended / BIO 308 and BIO 309.	Fall/Summer/Spring
BIO 420G (4) Taxonomy of Vascular Plants	Junior standing, BIO 148 and BIO 152 or one course in introductory botany or consent of Instructor.	Spring
BIO 430G (4) Plant Physiology**	BIO 148, BIO 152, BIO 155 or BIO 198 (or equivalent); CHE 230 and CHE 231 (or equivalent) or consent of Instructor.	Fall
BIO 525 (3) Advanced Ecology	BIO 325 (Ecology) or equivalent.	

***Subtitle must be approved by the Director of Undergraduate Studies**

****only for students who do not use the course to fulfill the 2nd Tier Core**

Courses from outside the Biology Department:

Courses	Prerequisites	Semesters offered
ENT 310 (3) Insect Pests of Field Crops	None listed.	Fall
ENT 320 (3) Horticultural Entomology	None listed.	Fall
ENT/FOR 502 (3) Forest Entomology	A minimum of 3 credits of basic biology (BIO 103 or BIO 148 or equivalent) or consent of instructor.	Fall

FOR 340 (4) Forest Ecology	BIO 103 or BIO 150	Fall
PLS 502 (3) Ecology of Economic Plants	None listed.	Every other Fall
PLS 566 (3) Soil Microbiology	PLS 366 or an introductory microbiology course or consent of instructor.	Spring
PLS 567 (1) Methods in Soil Microbiology	PLS 366 or introductory microbiology course.	Spring
PPA 400G (3) Principles of Plant Pathology	BIO 148 and BIO 152, or BIO/PLS 210, or consent of instructor.	Fall
PLS 320 (4) Woody Horticultural Plants	PLS 220	Fall
PLS 366 (4) Fundamentals of Soil Science	CHE 105	Fall/Spring

** Other courses can be accepted by the Director of Undergraduate Studies in Biology on a case by case basis.