

Plant Sciences Major 4-Year Sample Plan

Course Title/Semester	Units	Course Title/Semester	Units
SEMESTER 1		SEMESTER 5	
ENGL 101 English Composition	3	PLS 359 Plant Cell Structure/ Function	3
MATH 124 Calculus	4	BIOC 385 Metabolic Biochemistry	3
CHEM 151 General Chemistry	4	Free elective Upper Division	3
TIER I	3	2 nd Language, 1 st Semester	4
PLS195 Colloquium	1	Free elective Upper Division	3
SEMESTER 2		SEMESTER 6	
ENGL 102 English Composition	3	PLS 360 Plant Growth & Physiology	3
CHEM 152 General Chemistry II	4	PHYS 102 Introductory Physics	3
TIER I	3	PHYS 181 Intro Physics Lab	1
ECOL182R Introductory Biology II	3	Core elective	3
ECOL 82L Intro Biology Lab	1	2 nd Language, 2 nd Semester	4
SEMESTER 3		SEMESTER 7	
CHEM 241A Organic Chemistry	3	COMM 312, ENGL 307, ENGL308, ENGL 413, SWES408, SWES415 or AED422	3
CHEM 243A Organic Chemistry Lab	1	TIER II	3
PLS 240 Plant Biology	4	TIER II	3
MCB 181 Intro Biology I	3	Core elective	3
ISTA 100 or 116 or 130	3	Free elective upper division	3
SEMESTER 4		SEMESTER 8	
MATH 263 Intro Statistics/Biostatistics	3	PLS 498 Senior Capstone	2
BIOC 384 Biochemistry	3	TIER II	3
PLS 312 Animal and Plant Genetics	4	Free elective Upper Division	3
TIER 1	3	Free elective Upper Division	3
TIER 1	3	Free elective Upper Division	5
		Total units required	120