PLANT BIOLOGY: CELL BIOLOGY AND MOLECULAR GENETICS, BS

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PBIO 1404	Plant Biology (LN)	4
MATH 1813	Preparation for Calculus (A) (or higher)	3
General Education courses		3
	Hours	**14**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
General Education courses		3
	Hours	**14**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
General Education courses		6
	Hours	**15**
Spring		
CHEM 3053	Organic Chemistry I	3
PBIO 2403	Introduction to Plant Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major and College courses		3
	Hours	**16**
Junior		
Fall		
BIOL 3023	General Genetics	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PBIO 4233	Plant Anatomy	3
Major, College, and Elective courses		3
	Hours	**14**
Spring		
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
Major and College courses		12
	Hours	**16**
Senior		
Fall		
BIOL 4133	Evolution	3
Major courses		12
	Hours	**15**
Spring		
PBIO 4654	Plant Secondary Metabolism	4
Major, College, and Elective courses		12
	Hours	**16**
	Total Hours	**120**