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 Freshman	Title	Hours
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113	Composition I	3
or ENGL 1313	or Critical Analysis and Writing I	
PBIO 1404	Plant Biology (LN)	4
MATH 1813	Preparation for Calculus (A) (or higher)	3
General Education cou	ırses	3
	Hours	14
Spring		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
ENGL 1213	Composition II	3
or ENGL 1413	or Critical Analysis and Writing II	
CHEM 1314	Chemistry I (LN)	4
General Education cou	ırses	3
	Hours	14
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
General Education cou	ırses	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	Statistical Methods I (A)	3
or STAT 2013	or Elementary Statistics (A)	
Major and College cou	irses	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 Ele	ective courses	3
	Hours	14
Spring		
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
Major and College cou	irses	12
	Hours	16

Senior Fall BIOL 4133 Evolution 3 Major courses 12 15 Hours Spring PBIO 4654 Plant Secondary Metabolism 4 12 Major, College, and Elective courses Hours 16 **Total Hours** 120