

# 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
<b>Freshman</b>		
<b>Fall</b>		
First Year Seminar		1
PBIO 1404	Plant Biology (LN)	4
MATH 1813	Preparation for Calculus (A) (or higher)	3
General Education or Elective courses		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education or Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
General Education, College, or Elective courses		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 3053 or CHEM 3013	Organic Chemistry I or Survey of Organic Chemistry	3
Students who take CHEM 3013 should plan to enroll in CHEM 3012 and reduce their College, Major, or Elective credits		
PBIO 2403	Introduction to Plant Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
General Education, Major, or Elective courses		6
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
CHEM 3153	Organic Chemistry II (if student took CHEM 3053)	3
CHEM 3112 or CHEM 3012	Organic Chemistry Laboratory or Survey of Organic Chemistry Laboratory	2
PBIO 4233	Plant Anatomy	3
College, Major, and Elective courses		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
College, Major, or Elective courses		12
<b>Hours</b>		<b>16</b>

### Senior

#### Fall

BIOL 4133	Evolution	3
Major or Elective courses		12
<b>Hours</b>		<b>15</b>

#### Spring

PBIO 4654	Plant Secondary Metabolism	4
Major or Elective courses		12
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with your academic advisor about pairing General Education Humanities (H) or Social Sciences (S) courses with General Education International (I) or Diversity (D) dimensions.