

Plant Biology Major (B.A. or B.S.)
Major codes BA2111, BS2111

The B.A. degree in plant biology is designed for students interested in the plant sciences who desire a broad liberal education. The flexibility in this program allows for either a minor or second major in another discipline such as economics, business administration, computer science, anthropology, sociology, geography, geological sciences, or biological sciences. If you plan to do graduate studies in plant biology or a related biological science, a B.S. degree (see below) would be more appropriate. Consult a departmental advisor for assistance in selecting a program to prepare you for an advanced degree.

Requirements for the **B.A. degree** include the following P BIO courses:

P BIO 114	Cellular Foundations of Plant Biology	5
P BIO 115	Plant Structure and Development	4
P BIO 209	Plant Ecology	4
P BIO 210	Plant Physiology	4
P BIO 211	Diversity of Life	5
P BIO 331	Plant Genetics	5
P BIO 404	Undergraduate Research	2

Additional P BIO courses at 200 level or above to total at least 40 hours, but no more than 72.

Recommended departmental elective:

P BIO 418	Writing in the Plant Sciences	4
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Extrdepartmental requirements

CHEM 121, 122, 123	Prin. of Chemistry	12
or CHEM 151, 152, 153	Fund. of Chemistry	15
BIOS 171, 173	Intro to Zoology	6

One course from the following:

MATH 163A	Intro to Calculus	4
or MATH 263A	Calculus	
or MATH 266A*	Calculus with Bio App.	4
MATH 250	Intro to Prob. and Stat.	4
CS 210	Programming in C	5
PSY 120	Elem. Statistical Reasoning	4

*preferred option

Requirements for the **B.S. degree** include the following P BIO courses:

P BIO 114	Cellular Foundations of	
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	Plant Biology	5
PBIO 115	Plant Structure and Development	4
PBIO 209	Plant Ecology	4
PBIO 210	Plant Physiology	4
PBIO 211	Diversity of Life	5
PBIO 331	Plant Genetics	5
PBIO 404	Undergraduate Research	2

Additional PBIO credit hours at 200 level or above to total at least 52 hours, but no more than 80. A maximum of 8 hours of PBIO 404 and 490 combined may count towards the 52-hour requirement.

Recommended departmental elective:

PBIO 418	Writing in the Plant Sciences	4
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Extrdepartmental requirements:

CHEM 121, 122, 123 or CHEM 151, 152, 153	Prin. of Chemistry Fund. of Chemistry	12 15
CHEM 301, 302	Organic Chemistry	6
BIOS 171, 173	Intro to Zoology	6
PHYS 201, 202, 203	Intro to Physics	15
MATH 163A, 163B, or MATH 263A, 263B or MATH 266A, 266B*	Intro to Calculus Calculus Calculus with Bio App.	7 8 8
PSY 221 or MATH 250	Statistics for Beh. Sci. Intro to Prob. and Stat.	5 4

*preferred option

Plant Biology Minor

Minor code OR2111

Requirements for a minor in plant biology consist of a minimum of 28 credit hours of coursework in plant biology including PBIO 114, 115, 209, and 211, and at least two courses at the 300 level or above.