Montana State University - College of Agriculture **Plant Science & Plant Pathology Department**

Program of Study for:

Student ID #:

Plant Biology Option
2018 Catalog

Freshman Year	Cr.	Sem.	Yr.
BIOB 170IN - Principles of Biological Diversity	4	F S	
BIOB 160 - Principles of Living Systems	4	F S	
CHMY 141 - College Chemistry I	4	F S Su	
CHMY 143 - College Chemistry II	4	F S Su	
M 161Q - Survey of Calculus	4	F S Su	
WRIT 101W - College Writing I	3	F S Su	
Select one of the following:			
COMX 111US - Intro to Public Speaking	3	F	
CLS 101US - Knowledge and Community	3	F S Su	
Sophomore Year	**Cr.**	**Sem.**	**Yr.**
BIOO 220 - General Botany	3	F	
CHMY 211 - Elements of Organic Chemistry	5	F	
PHSX 205 - College Physics I	4	F	
Either choose the Physics Option:			
PHSX 207 - College Physics II **AND**	3	F S	
BIOB 318 - Biometry **OR**	3	F	
STAT 216Q - Introduction to Statistics	3	F S Su	
Or choose the Statistics Option			
STAT 216Q - Introduction to Statistics **AND**	3	F S	
STAT 217Q - Intermediate Statistical Concepts	3	F S	
Junior Year	**Cr.**	**Sem.**	**Yr.**
BIOB 375 - General Genetics	3	F S Su	
BIOE 370 - General Ecology	3	S	
BIOM 421 - Biochemistry	5	S	
Senior Year	**Cr.**	**Sem.**	**Yr.**
BIOB 420 - Evolution	3	S	
BIOO 433 - Plant Physiology	3	S	
BIOB 490R - Undergraduate Research	1-4	F S Su	

Core 2.0	Cr.	Sem.	Yr.
US			
W			
Q			
D			
CS			
IA/RA			
IH/RH			
IN/RN			
IS/RS			
R			

Substitutions for Required Courses	
Substitute	**For**

120 credits required,
42 minimum upper division
Minimum GPA: 2.0

verify appropriate prerequisites

Required Plant Biology Electives	Cr.	Sem.	Yr.
C- Minimum Requirement			
20 credits, at least 16 upper division			
Up to 7 total credits may be included from			
BIOB/HORT 492, and BIOB/HORT 498			
Electives could come from any plant biology			
courses in the Plant Sciences & Plant Pathology			
Department, other plant courses in the Plant			
Sciences & Plant Pathology Department, and			
selected courses in the departments of Animal &			
Range Sciences, Land Resources &			
Environmental Sciences, Ecology, Microbiology,			
Cell Biology & Neuroscience, Earth Sciences,			
Mathematical Sciences and Computer Science.			

student signature date

advisor signature date

dept. certifying officer signature date

Revised: 5/14/2018