PLANT BIOLOGY B.S.

All students must meet the Degree and University Requirements.

All students must meet the Catamount Core Curriculum Requirements.

All students must meet the College Requirements.

MAJOR REQUIREMENTS

Requirement Description		Credits
REQUIRED FOUNDATIONAL COURSES:		
PBIO 1070	Putting Down Roots in PlantBio	1
Choose one of the following:		8
Option A:		
BCOR 1400 & BCOR 1450	Exploring Biology 1 and Exploring Biology 2	
Option B:		
BIOL 1000 & BIOL 1005	AP Biology 1 and AP Biology 2	
Option C:		
BIOL 1000 & BCOR 1425	AP Biology 1 and Accelerated Biology	
CHEM 1400	General Chemistry 1	4
CHEM 1450	General Chemistry 2	4
CHEM 2580	Organic Chemistry 1	4
CHEM 2585	Organic Chemistry 2	4
Calculus I: Choose one of the following:		3-4
MATH 1212	Fundamentals of Calculus I	
MATH 1234	Calculus I	
Calculus II: Choose one of the following:		3-4
MATH 1224	Fundamentals of Calculus II	
MATH 1242	Transitional Calculus	
MATH 1248	Calculus II	
Statistics: Choose one of the following:		3
STAT 1410	Basic Statistical Methods 1	
NR 2400	Applied Environ Statistics	
Physics: Choose one of the following:		4
PHYS 1400	Elementary Physics I	
PHYS 1600	Fundamentals of Physics I	
REQUIRED MAJOR COURSES:		
BCOR 2300	Genetics	3
Choose one of the following:		4
BCOR 2100	Ecology and Evolution	
BCOR 2500	Molecular & Cell Biology w/lab	
PBIO 2040	Plant Physiology	4
PBIO 2090	Plant Systematics	4
PBIO 4899	Plant Biology Capstone	1
PLANT BIOLOGY ELECTIVES		
Intermediate level or above, 6 credits from the following:		6
PBIO Numbered 2000-2999		
PBIO Numbered 3000-3999		
Advanced level. 6 credits from the following:		6
PBIO Numbered 3000-3999		
PBIO Numbered 5000-5999 (grad-level, with Instructor permission)		
ADDITIONAL ELECTIVES:		
Additional 12 credits at the 2000 level or above in additional PBIO courses or other courses relevant to plant biology, selected in consultation with the advisor		12

RESTRICTIONS

Ineligible Majors: Plant Biology B.S. in the College of Arts and Sciences, Biological Science B.S.

Ineligible Minors: Plant Biology