PLANT BIOLOGY B.S.

All students must meet the University Requirements. (http://catalogue.uvm.edu/undergraduate/academicinfo/degreerequirements/)

All students must meet the College Requirements. (http://catalogue.uvm.edu/undergraduate/artsandsciences/#requirementstext)

MAJOR REQUIREMENTS

Required foundational courses:		
BCOR 011	Exploring Biology	4
BCOR 012	Exploring Biology	4
CHEM 031	General Chemistry 1	4
CHEM 032	General Chemistry 2	4
CHEM 141	Organic Chemistry 1	4
CHEM 142	Organic Chemistry 2	4
Choose 1 of the following sequences:		6-8
MATH 019 & MATH 020	QR: Fundamentals of Calculus I and QR:Fundamentals of Calculus II	
MATH 021 & MATH 022	QR: Calculus I and QR: Calculus II	
Choose 1 of the following:		3
STAT 141	QR:Basic Statistical Methods 1	
STAT 211	QR: Statistical Methods I	
NR 140	Applied Environ Statistics	
Choose 1 of the following:		4-5
PHYS 011 & PHYS 021	Elementary Physics and Introductory Lab I	
PHYS 051	Fundamentals of Physics I	
Required major courses:		
BCOR 101	Genetics	3
BCOR 102	SU:Ecology and Evolution	4
or BCOR 103	Molecular and Cell Biology	
PBIO 104	Plant Physiology	4
PBIO 108	Morph & Evo of Vascular Plants	4
or PBIO 109	Plant Systematics	
At least 12 additional PBIO credit hours at the 100 or 200-level. At least 6 of these must be at the 200-level. PBIO 185 and PBIO 187 do not meet this requirement.		12
PBIO 299	Plant Biology Capstone	1
Required elective courses:		
An additional 12-14 credits of elective courses at the 100-level or above relevant to plant biology, selected in consultation with the advisor.		12-14