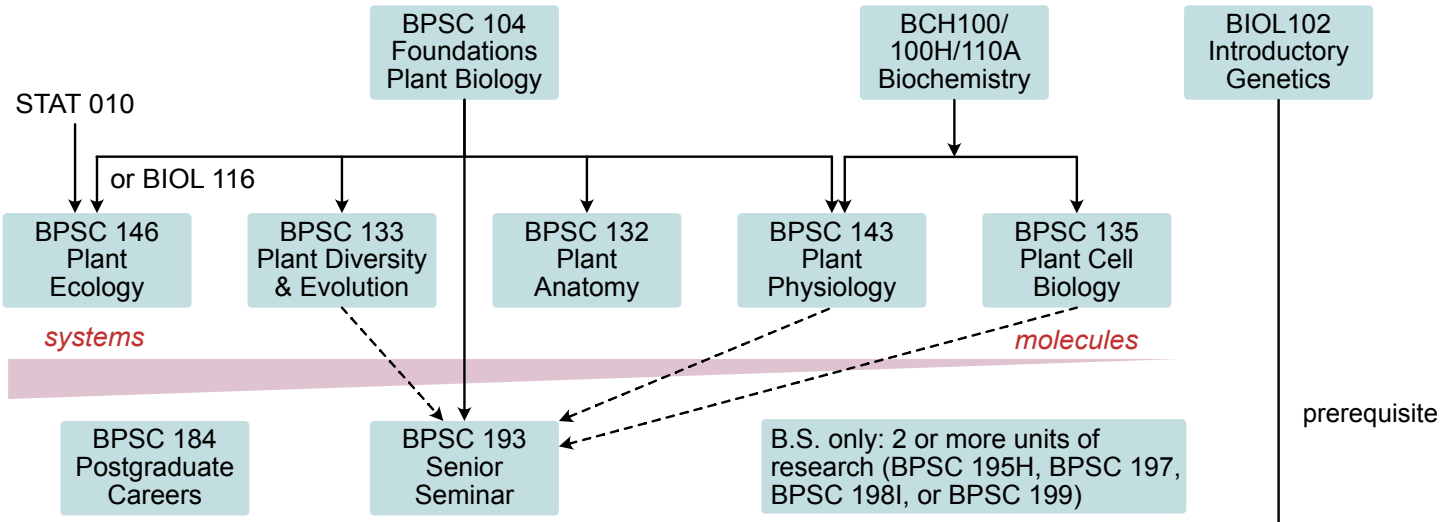
Plant Biology Major Requirements

Core requirements
general biology (13-14 U): BIOL005A+B+C and BIOL05LA or BIOL020
general chemistry (15 U): CHEM001A+B+C and CHEM01LA+LB+LC (or honors versions)
organic chemistry (8 U): CHEM008A+B and CHEM08LA+LB (or honors versions)
calculus (8 U): MATH007A+B or MATH009A+B (MATH009C recommended)
general physics (15 U): PHYS002A+B+C and PHYS02LA+LB+LC
intro statistics (5 U): STAT010



+7 or more units (B.S.) or 4 or more units (B.A) of upper-division biology courses and/or substantive courses in a field(s) related to the major

see catalog description for suggested courses relevant to programs of specialization in
- Plant Cellular, Molecular, and Developmental Biology
- Plant Genetics, Breeding, and Biotechnology
- Ecology, Evolution, and Systematics
- Plant Pathology, Nematology, and Pest Management

Other offered BPSC courses

BPSC 109 Epigenetics (4 U)
BPSC 148 Quantitative Genetics (4 U)
BPSC 149 Nanobiotechnology (4 U)
BPSC 150 Genes, Selection, & Populations (4 U)
BPSC 155 Chromosomes (4 U)

BPSC 165 Restoration Ecology (4 U)
BPSC 166 Plant Physiological Ecology (4 U)
BPSC 183 Plant Biochemistry and Pharmacology (4 U)

Typical offering schedule

Fall	Winter	Spring	Summer	
●	●	●		BPSC 104 Foundations of Plant Biology
	●			BPSC 132 Plant Anatomy
		●		BPSC 133 Plant Diversity & Evolution
	●			BPSC 135 Plant Cell Biology
●				BPSC 143 Plant Physiology
		●		BPSC 146 Plant Ecology
		●		BPSC 184 Postgraduate Careers in Life Sciences
		●		BPSC 193 Senior Seminar
●				BPSC 109 Epigenetics
	◖			BPSC 148 Quantitative Genetics
				BPSC 149 Nanobiotechnology
		●		BPSC 150 Genes, Selection, & Populations)
				BPSC 155 Chromosomes
	●			BPSC 165 Restoration Ecology
		◖		BPSC 166 Plant Physiological Ecology
	●			BPSC 183 Plant Biochemistry and Pharmacology

◖ *every other year*