

Assessment of the Plant Biotechnology degree option, Plant Sciences and Plant Pathology

Plant Biotechnology graduates take coursework which emphasize both basic and applied aspects of plant improvement to address problems facing plant production systems. A strong foundation is developed through coursework in biology, plant sciences, microbiology, genetics, biochemistry, and plant improvement methods.

Our graduates will:

1. Have the knowledge required to be successful in an area of plant improvement achieved via both basic and advanced techniques.
2. Have the laboratory and plant culture skills needed to be able to function successfully in an area of plant improvement.
3. Be able to communicate effectively orally and in writing.
4. Be able to design and carry out plant genetic and/or biotechnology experiments and analyze data.

Curriculum/Outcome Matrix

Required PSPP courses	Credits	Outcomes			
		1	2	3	4
BIOB 375--General Genetics	3	I	I		
BIOO 433--Plant Physiology	3	D	D		
BIOB 430 - Plant Biotechnology	3	D	D	D	D
HORT 447 - Advanced Plant Propagation	3	I	D		
BIOB 490R - Undergraduate Research or BIOB 498 - Internship/Cooperative Edu	3	M	M		I
BIOB 499 - Senior Thesis/Capstone	2	D		M	
BIOM 421 - Concepts of Plant Pathology	3	I	I		?
BIOO 460 - Plant Metabolism	3	D		D	
AGSC 341 Field Crop Prod	3	D	D		