

PLANT BREEDING - MINOR

The Department of Soil and Crop Sciences offers a Minor in Plant Breeding. The minor in plant breeding prepares agricultural majors for a career in nation's variety development industry and exposes the student to an academic discipline that could lead to the pursuit of advanced degrees and a career in the field of plant breeding. Plant breeders develop new varieties that are the cornerstone of modern agriculture and improve the genetic basis of improved yield, quality, and resistance to biotic and abiotic stresses affecting or nation's food, feed, fiber, greenspace, shelter, and bioenergy plants.

The Plant Breeding minor offers the opportunity for students to explore their interest in applied biological sciences in the areas of plant breeding, crop improvement, crop biotechnology, and genetics. Students must have an overall GPA of 2.75 or better to enter the program.

Program Requirements

Code	Title	Semester Credit Hours
GENE 310	Principles of Heredity ¹	3
SCSC 304	Plant Breeding and Genetics	3
Select nine hours of the following:		9
GENE 411/ SCSC 411	Biotechnology for Crop Improvement	
SCSC 301	Soil Science	
SCSC 305	Professional Development in Agronomy	
SCSC 311	Principles of Crop Production	
SCSC 402	Crop Stress Management	
SCSC 410	International Agricultural Systems	
Total Semester Credit Hours		15

¹ GENE 301 may be substituted for GENE 310.
Must have an overall GPA of 2.75 to enter program.