

CROP SCIENCE GRADUATE MAJOR (MS, PHD, MAIS)

Graduate Areas of Concentration

Crop breeding, genetics and cytogenetics (cereals, oilseeds, potatoes); forage and pasture management; grain crop production; post-harvest seed technology; seed biology; seed crop physiology; seed production; weed biology; weed management

Specific areas of crop science in which a student can prepare for their thesis include cereal breeding and genetics, grass breeding and genetics, forage and pasture management, seed production and technology, seed crop physiology, seed biology, post-harvest seed technology, and weed science.

Graduate Level Courses in Crop Science

Code	Title	Hours
CROP 540	WEED MANAGEMENT	4
CROP 560	SEED PRODUCTION	3
CROP 580	CASE STUDIES IN CROPPING SYSTEMS MANAGEMENT	4
CROP 590	EXPERIMENTAL DESIGN IN AGRICULTURE	4
CROP 660	HERBICIDE SCIENCE	4
CROP 670	PHYSIOLOGY OF CROP YIELD	3
PBG 550	PLANT BREEDING	4
PBG 620	DNA FINGERPRINTING	1
PBG 621	GENETIC MAPPING	1
PBG 622	MAPPING QUANTITATIVE TRAIT LOCI	1
PBG 650	ADVANCED PLANT BREEDING AND QUANTITATIVE GENETICS	3

Major Code: 1200