

AGRICULTURAL SCIENCE DIPLOMA

Entry Time

Fall

Award

Diploma

1 year (3 terms including summer)

Students in the Agricultural Science AAS program may elect to receive the diploma after completing the required courses. Please consult with the Agriculture Sciences Department for more information regarding this option.

The Agricultural Science Diploma is designed to teach students the fundamental skills, knowledge and applied academic and technical experiences required for the person who wishes to enter the agriculture industry.

This diploma is eligible for state and federal financial aid.

Diploma Requirements

Course	Title	Credit Hours
Term 1		
AGA-114 or AGS-113	Principles of Agronomy or Survey of the Animal Industry	3
Agricultural Technical Courses		9
AGC-116	Professionalism in Agriculture	1
AGC-123	Applied Agricultural Concepts	1
Term Totals:		14
Term 2		
AGS-319 or AGA-154	Animal Nutrition or Fundamentals of Soil Science	3
AGS-214 or AGP-333	Domestic Animal Physiology or Precision Farming Systems	3
AGC-210	Employment Seminar	1
Agricultural Technical Courses		10
Term Totals:		17
Term 3		
Approved industry internship required for graduation as outlined by internship supervisor		
Agricultural Technical Course		3
ENG-105	Composition I	3
MAT-607 or MAT-102	Survey of Data or Intermediate Algebra	3
Term Totals:		9
Program Totals:		40

Agricultural Technical Courses

Code	Title	Credit Hours
AGA-216	Row Crop and Forage Production	4
AGA-217	Field Crop Harvesting and Drying	3
AGA-219	Field Crop Harvesting Lab	2
AGA-170	Fertilizer Management	3
AGS-500	Beef Industry and Feedlot Management	3
AGS-501	Stockmanship, Bunk Management and Cattle Processing Lab	2
AGS-502	Beef/Cow Calf Production	2
AGS-503	Cow Calf Lab	1
AGS-516	Beef Science Management	2
AGS-517	Livestock Merchandising Lab	1
AGS-512	Beef Breeding/Reproduction/Nutrition	3
AGS-513	Reproduction and Nutrition Lab	2
AGS-531	Swine Reproduction and Management	3
AGS-532	Swine Reproduction and Management Lab	2
AGS-350	Artificial Insemination of Cattle	1
AGS-356	Livestock Behavior and Welfare	3
AGS-357	Livestock Behavior and Welfare Lab	2
AGS-425	Swine Systems Management	3
AGS-441	Livestock Housing and Equipment	3
AGP-143	Fundamentals of Electricity for GPS	1
AGM-334	Advanced Ag Electronics	2
AGP-435	Advanced Precision Farming: Software Software	3
AGP-440	Ag Applications of Digital Imagery	3
AGA-376	Integrated Pest Management	3
FLS-141	Elementary Spanish I	4
BIO-104	Introductory Biology With Lab	3
CHM-110	Introduction to Chemistry	3
PHY-120	Introductory Physics	3
AGS-113	Survey of the Animal Industry	3
AGA-114	Principles of Agronomy	3
AGS-319	Animal Nutrition	3
AGA-154	Fundamentals of Soil Science	3
AGS-214	Domestic Animal Physiology	3
AGC-420	Issues in Agriculture	3
AGA-283	Pesticide Application Certification	2
AGP-405	Ag Applications of GIS	3
AGP-420	Geospatial Data Collection	3
AGP-425	Agricultural Spatial Analysis	3
AGP-438	Precision Ag Hardware Machinery Servicing	2
AGP-333	Precision Farming Systems	3