

AAS: Agricultural Technology

General Education Requirements (18-19 Credits)		
Prefix	Course Title	Credits
CG 100	College Survival & Success	3
MTH 105Z	Math in Society	4
COMM 111Z	Public Speaking	4
WR 121Z	English Composition	4
PSY 101	Psychology & Human Relations –or- BA285 Human Relations in Organizations	3-4
Total Credits		18-19

Degree Information	
Category	Credit Total
General Education Requirements	18-19
Ag Tech Core Requirements	62
Ag Tech Core Specialization	14-16
Total Credits for Degree	94-97

Ag Tech Core Requirements (59 Credits)		
Prefix	Course Title	Credits
AG 221	Metals and Welding OR WLD 111 SMAW I	3
ANS 122	Large Animal Handling	3
CAS 170	Beginning Excel	3
DRF 270	3-D Modeling	3
ELT 110	Electricity for Non-Electricians I	2
ELT 111	Electricity for Non-Electricians II	2
ELT 127	Basic Programmable Controllers (PC Based)	2
ELT 128	Intermediate Programmable Controllers (PC Based)	2
ELT 201	Electric Motor Controls	2
ELT 227	Advanced Programmable Controllers (PC Based)	2
GT 106	Green Production Practices	3
IMT 100	Introduction to Trades	3
IMT 105	Industrial Safety (OSHA)	4
IMT 108	Industrial Hydraulics I	3
IMT 118	Bearings, Seals, and Lubrication	3
IMT 200	Pumps and Valves	3
IMT 205	Introduction to Pneumatics	3
IMT 211	Structural Maintenance	3
IMT 210	Proportional Hydraulics	3
IMT 229	Techniques of Preventive Maintenance	3
IMT 280	Cooperative Work Experience	3
WLD 129	Blueprint Reading	4
Total Credits		62

Ag Tech Core Specialization (Select 14-16 Credits)		
Prefix	Course Title	Credits
ANS 121 HORT111	Intro to Animal Science -or- Introduction to Horticulture	4 3
ANS 215 GEO 265	Beef/Dairy Industries -or- Introduction to GIS	3 3
ANS 231 FAS 107	Livestock Evaluation -or- UAS Ground School	3 2
MCH 102 MCH 134	Introduction to Manufacturing -or- Machining I	3 3
IMT 222 MCH 234	Lean Manufacturing and Process Control -or- Machining II	3 3
Total Credits		14-16