

TECHNICAL AGRICULTURE, ASSOCIATE OF APPLIED SCIENCE (A.A.S.)

Program Requirements

CIP Code: 01.9999

Code	Title	Hours
University Graduation Requirements		
<i>General Education</i>		
Choose from 19 hours of the following:		19
BIO 111	Cell and Molecular Biology (Element 4) ^G	
or BIO 112	Ecology and Evolution	
CHE 101 & 101L	Introductory Chemistry and Introductory Chemistry Lab (Element 4) ^G	
OR		
CHE 105 & 105L	Chemistry for the Health Sciences and Health Science Chemistry Lab (Element 4) ^G	
ECO 120	Economic Reasoning and Issues (Element 5B) ^G	
ENG 101	Reading, Writing, and Rhetoric (Element 1A) ^G	
or ENG 105	First Year Writing Seminar	
ENG 102	Research, Writing, and Rhetoric (Element 1B) ^G	
MAT 105	Mathematics with Applications (Element 2) ^G	
Choose from three hours of Element 3A or 3B ^G		
<i>Student Success Seminar</i>		
SCO 100	Student Success Seminar (waived for transfers with 30+ hrs.)	1
Major Requirements		
<i>Core Courses</i>		
AGR 125	Principles of Animal Science	3
AGR 126	Animal Science Laboratory	1
Choose from one of the following:		4
AGR 130 & AGR 131	Plant Science and Plant Science Laboratory	
OHO 131 & OHO 132	Plant Science and Plant Science Laboratory	
AGR 213	Principles of Agricultural Mechanics and Energy Systems	3
AGR 215	Principles of Soils	3
AGR 216	Principles of Soils Laboratory	1
AGR 304	Pest Management	4
or OHO 304	Horticulture Pest Management	
AGR 305	Professional Skills Seminar	1
AGR 308	Agricultural Economics	3
Choose from three hours of practicum		3
Choose from 0-3 hours of departmental electives		0-3
Concentrations		
Students must select one of the following Concentrations:		11-14
Agricultural Systems Management		
Agribusiness Management		
Greenhouse and Fruit/Vegetable Production		

Landscape Horticulture	
Livestock Management	
Turfgrass Management	
Total Hours	57-63

G

Courses meeting general education requirements.

Concentrations

Agricultural Systems Management

Code	Title	Hours
Concentration Courses		
AGR 115	Operation of Agricultural Equipment	2
AGR 301	Directed Work Experience	1
AGR 362	Hydraulic Systems	2
AGR 381	Agriculture Structures	3
AGR 383	Diesel Power Systems	3
Total Hours		11

Agribusiness Management

Code	Title	Hours
Concentration Courses		
AGR 310	Principles of Agribusiness Management	3
AGR 350	Agricultural Marketing	3
AGR 409	Agriculture Business Records and Analysis	3
AGR 349	Applied Learning in Agriculture	3
or AGR 440	Agricultural Financing	
Total Hours		12

Greenhouse and Fruit/Vegetable Production

Code	Title	Hours
Concentration Courses		
OHO 372	Horticulture Retail and Wholesale Management	2
OHO 373	Fruit Production	3
OHO 374	Vegetable Production	3
OHO 375	Post Harvest Technology of Horticultural Crops	3
OHO 388	Greenhouse Operation and Management	3
Total Hours		14

Landscape Horticulture

Code	Title	Hours
Concentration Courses		
OHO 365	Plant Identification	3
OHO 370	Landscape Operations Management	2-3
or OHO 372	Horticulture Retail and Wholesale Management	
OHO 391 & OHO 392	Landscape Design and Methods and Landscape Construction Techniques	6
Total Hours		11-12

Livestock Management

Code	Title	Hours
Concentration Courses		
AGR 225	Evaluation and Selection of Livestock	3
or AGR 330	Animal Products	
AGR 321	Feeds and Feeding	4

Choose from 3-4 hours of ANSCI electives	3-4
Choose from 3-4 hours of production electives	3-4
Total Hours	13-15

Turfgrass Management

Code	Title	Hours
Concentration Courses		
OHO 351	Turf Grass Management	4
OHO 353	Sports Turf Management	3
OHO 354	Irrigation Systems and Horticultural Equipment	3
OHO 370	Landscape Operations Management	3
Total Hours		13