

AGRICULTURE - DIPLOMA

Offered at: Henderson Community College, Hopkinsville Community College, Madisonville Community College

Program Plan Number: 0103014039

Course	Title	Credits
General Education		
Select one of the following two options:		3
ENG 101	Writing I	
Heritage/Humanities		
Select one of the following four options:		3
Social/Behavioral Science		
Natural Science		
Quantitative Reasoning		
AGR 101	The Economics of Food and Agriculture	
Subtotal		6
Technical Core		
Digital Literacy Course		3
AGR 125	Introduction to Fertilizers and Soils	3
AGR 130	Field Applications in Agriculture	2
AGR 140	Issues In Agriculture	3
AGR 230	Career Development in Agriculture	3
AGR 240	Introduction to Animal Science	3
AGR 250	Introduction to Plants/Crop Production	3
Technical Core Subtotal		20
General Education and Technical Core Subtotal		26

Students must complete one of the tracks listed below to complete the Diploma requirements.

Agriculture Business/Marketing Track

Offered at: Henderson Community College, Hopkinsville Community College

Program Plan Number: 010301401

Course	Title	Credits
General Education and Technical Core Subtotal		26
Please select 14 credit hours from the following 12 course options:		14
ACC 201	Financial Accounting	
AGR 175	Agriculture Marketing and Sales	
AGR 180	Agricultural Internship I	
AGR 265	Agriculture Business and Records	
AGR 285	Farm Financial Management	
BAS 120	Personal Finance	
BAS 160	Introduction to Business	
BAS 282	Principles of Marketing	
ECO 201	Principles of Microeconomics	
ECO 202	Principles of Macroeconomics	
PHI 130	Ethics	

STA 220	Statistics	
Total Credits		40

Agriculture Education Track

Offered at: Henderson Community College, Hopkinsville Community College

Program Plan Number: 010301402

Course	Title	Credits
General Education and Technical Core Subtotal		26
AGR 150	Agricultural Power	3
or AGR 160	Horticultural Science	
AGR 180	Agricultural Internship I	2
EDU 201	Introduction to American Education	3
EDU 204	Technology In the Classroom	3
Electives		3
Total Credits		40

Agriculture Technology Track

Offered at: Henderson Community College, Hopkinsville Community College, Madisonville Community College

Program Plan Number: 010301403

Course	Title	Credits
General Education and Technical Core Subtotal		26
AGR 150	Agricultural Power	3
Select one of the following four options:		5
IMT 100	Welding for Maintenance	
& IMT 101	and Welding for Maintenance Lab	
WLD 120	Shielded Metal Arc Welding	
& WLD 121	and Shielded Metal Arc Welding Fillet Lab	
WLD 130	Gas Tungsten Arc Welding	
& WLD 131	and Gas Tungsten Arc Welding Fillet Lab	
WLD 140	Gas Metal Arc Welding	
& WLD 141	and Gas Metal Arc Welding Fillet Lab	
AGR 220	Computers In The Agricultural Environment	3
COE 199	Cooperative Education: (Topic)	3
Total Credits		40

Agronomy Track

Offered at: Henderson Community College, Hopkinsville Community College

Program Plan Number: 010301404

Course	Title	Credits
General Education and Technical Core Subtotal		26
AGR 135	Herbaceous Plant Production	3
AGR 180	Agricultural Internship I	2
AGR 215	Weed Management	3
AGR 245	Pest Management	3

Electives	3
Total Credits	40

Animal Science Track

Offered at: Hopkinsville Community College, Madisonville Community College

Program Plan Number: 010301407

Course	Title	Credits
General Education and Technical Core Subtotal		26
AGR 180	Agricultural Internship I	2
AGR 210	Applications in Animal Technology	3
AGR 280	Livestock Management	3
AGR 290	Animal Nutrition	3
Elective		3
Total Credits		40

Horticulture Track

Offered at: Henderson Community College

Program Plan Number: 010301405

Course	Title	Credits
General Education and Technical Core Subtotal		26
AGR 135	Herbaceous Plant Production	3
AGR 155	Greenhouse Production	3
AGR 160	Horticultural Science	3
AGR 180	Agricultural Internship I	2
AGR 225	Fruit and Vegetable Production	3
Total Credits		40

Sustainable Agriculture Track

Offered at: Henderson Community College

Program Plan Number: 010301406

Course	Title	Credits
General Education and Technical Core Subtotal		26
AGR 160	Horticultural Science	3
AGR 180	Agricultural Internship I	2
AGR 260	Introduction to Sustainable Agriculture	3
AGR 270	Introduction to Organic Agriculture	3
Electives		3
Total Credits		40