



Plant, Environmental and Soil Science**

Required Courses

Course #	Agriculture Core	Hours
AG132	Principles of Crop & Animal Production I	4
AG133	Principles of Crops & Animal Science II	4
AG136	Computer Applications in Agriculture	4
AG244	Agricultural Economics	4
AG330	Foundations of Soil Science	4
AG495	Seminar in Agriculture	4
	CH101, CH230, or AG130 Natural Science Requirement	4
Total Agriculture Core		28

Agronomy Electives (Required 4 hours from the following):

AG331	Advanced Soils and Soil Fertility (4 hrs)	
AG334	Weed Management (4 hrs)	
	Topics in Agriculture – Crops, Horticulture, or Soil Focus (2 hrs)	
AG350		
AG435	Forage and Grain Crop Production (4 hrs)	
	Internship – Crops, Horticulture, or Soil Focus (2 or 4 hrs)	
AG470		
	Research Participation – Crops, Horticulture, or Soil Focus (1 hr)	
AG480		
	Agriculture Practicum – Crops, Horticulture, or Soil Focus (1-2 hrs)	
AG485		
CH330	Organic Chemistry I (4 hrs)*	
TR330	Study/Service Trip (2,4 hrs)	
Total Upper Division Agronomy Electives		4

Agriculture Business Electives (Required 4 hours from the following)

AG361	Commodity Marketing (4 hrs)
AG363	Financial Management in Agriculture (4 hrs)
AG460	Agricultural Policy (2 hrs)
AG462	Farm & Agri-Business Management (4 hrs)
MA330	Business Law (4 hrs)

Total Upper Division Agriculture Business Electives	4
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Animal Science Electives (Required 4 hours from the following):

AG340	Meat and Food Animal Science (4 hrs)
AG343	Dairy Science (4 hrs)
AG344	Sheep Science (4 hrs)
AG345	Swine Science (4 hrs)
AG346	Beef Science (4 hrs)
AG349	Animal Nutrition (4 Hrs)
AG350	Topics in Agriculture – Animal Science Focus (2 hrs)
EQ350	Equine Topics (2-4 hrs)

Total Upper Division Animal Science Electives	4
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TOTAL HOURS REQUIRED IN PLANT, ENVIRONMENTAL AND SOIL SCIENCE	40
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* Prerequisite

**For students who have completed an Associate of Science or Associate of Applied Science from Clark State Community College, Southern State Community College, Agriculture Technical Institute, Cincinnati State Community College