



**Agriculture, Food, & Natural Resources
 2014-15 Program of Study**

Program of Study	Level 1	Level 2	Level 3	Level 4
Veterinary and Animal Science	Agriscience ¹	Small Animal Science	Large Animal Science	Veterinary Science ¹ -and/or- WBL Internship at Vet Office
	Supervised Agricultural Experience			
Agricultural Engineering and Applied Technologies	Agriscience ¹	Principles of Agricultural Mechanics	Agricultural Power and Equipment	Agricultural and Biosystems Engineering ⁴
	Supervised Agricultural Experience			
Agribusiness	Agriscience ¹	Principles of Agribusiness	Organizational Leadership and Communications	Agricultural Business and Finance ^{2,3}
	Supervised Agricultural Experience			
Food Science	Agriscience ¹	Principles of Food Production	Food Science and Safety	Advanced Food Science
	Supervised Agricultural Experience			
Horticulture Science	Agriscience ¹	Principles of Plant Science and Hydroculture	Greenhouse Management ³	Landscaping and Turf Science
	Supervised Agricultural Experience			
Environmental and Natural Resource Management	Agriscience ¹	Applied Environmental Science ¹	Plant and Soil Sciences ⁴	Natural Resources Management -and/or- AP Environmental Science
	Supervised Agricultural Experience			

Available courses for elective credit in this cluster: *Introduction to Geographic Information Systems (GIS)*

For more information on the specific courses, please visit our career cluster webpage at http://tn.gov/education/cte/Career_Clusters/Career_Clusters.shtml.

¹ Satisfies one lab science credit required for graduation.
² Satisfies ½ credit of Personal Finance required for graduation.
³ State approved dual credit course.
⁴ Local dual credit and/or dual enrollment opportunities exist for this course.