

**Agriculture  
NC State University**

Two to three semester hours are required to fulfill each of the following competencies unless otherwise noted.

Competency		Course Prefix & Number	Course Title	Course Offerings
A	Plant Production & Management	CS 211	Plant Genetics	
		CS 213	Crops: Adaptation & Production	
		CS 230	Introduction to Agroecology	
		HS 201	The World of Horticulture: Principles and Practices	
		HS 301	Plant Propagation	
		HS 411	Nursery Management	
		HS 421	Temperate-Zone Tree Fruits: Physiology and Culture	
		HS 422	Small Fruit Production	
		HS 431	Vegetable Production	
		HS 440	Greenhouse Management	
B	Animal Production & Management	ANS 105	Introduction to Companion Animal Science	
		ANS 110	Introduction to Equine Science	
		ANS 150	Introduction to Animal Science	
		ANS 201	Techniques to Animal Care	
		ANS 215	Agricultural Genetics	
		ANS 225	Principles of Animal Nutrition	
		ANS 400	Companion Animal Management	
		ANS 402	Beef Cattle Management	
		ANS 403	Swine Management	
		ANS 404	Dairy Cattle Management	
		ANS 408	Small Ruminant Management	
		PO 201	Poultry Science and Production	
		PO 410	Production and Management of Game Birds in Confinement	
		PO 421	Commercial Egg Production	
		PO 424	Poultry Meat Production	
PO 435	Poultry Incubation & Breeding			
C	Natural Resources Management	FOR 252	Introduction to Forest Science	
		FW 221	Conservation of Natural Resources	
		FW 353	Wildlife Management	
		SSC 185	Land and Life	
D	Development & Management of Agribusiness Systems	ARE 201	Introduction to Agricultural & Resource Economics	
		ARE 215	Small Business Accounting	
		ARE 303	Farm Management	
		ARE 306	Agricultural Law	
		ARE 309	Environmental Law & Economic Policy	
		ARE 311	Agricultural Markets	
		ARE 312	Agribusiness Marketing	
		ARE 321	Agricultural Financial Management	
ARE 332	Human Resource Management for Agribusiness			
E	Development & Management of Power, Structural, and Technical Systems	AES 201	Shop Processes and Management	
		AES 323	Water Management	
		AEE 332	Management of Animal	

			Environments	
		AES 343	Agricultural Electrification	
		AES 411	Agricultural Machinery and Power Units	
		AES 432	Agricultural and Environmental Safety and Health	
		TDE 110	Materials & Processes Technology	
F	Work Based Learning; Organization	AEE 322	Experiential Learning in Agriculture	

Posted: 5/2/14  
Revised: 4/28/14

**Course Offering Codes:**

F=Fall, S=Spring, SS=Summer Session, UD=Upon Demand,  
e=even years, o=odd years, ^=online

(If cell is blank, information was not provided or was not available to RALC; please check with the college/university for course information.)

Course typically offered **on campus** if shaded.

**Notes:**

- These are typical course offering schedules. Courses are not guaranteed to be offered at these times.
- Please check with the college/university for course availability each semester.
- Some courses require prerequisites be met prior to registration. An asterisk (\*) denotes a prerequisite course.
- For more information from this institution, click here, <http://www.ncsu.edu>