

## College of Agriculture, Forestry and Life Sciences

### *Agriculture Other*

For majors in Agricultural Education; Agricultural Mechanization and Business; Animal and Veterinary Sciences; Agribusiness; Environmental and Natural Resources; Horticulture; Soils and Sustainable Crops Systems; Turfgrass; and Wildlife and Fisheries Biology, the Departmental Honors requirements consist of 12 semester hours as follows:

PES	4910	Senior Honors Research (3)
	4920	Senior Honors Research (3)

The additional six semester hours may be taken in any 3000- or 4000-level agriculture honors courses (see following list) or other life science honors courses approved by your academic advisor.

PES	3150	Environment and Agriculture (3)
APEC	3090	Economics of Agricultural Marketing (3)
	4520	Agricultural Policy (3)
	4560	Prices (3)
AVS	3700	Principles of Animal Nutrition (3)
	3750	Applied Animal Nutrition (3)
	4010	Beef Production (3)
	4120	Advanced Equine Management (3)
	4140	Basic Immunology (3)
	4530	Animal Reproduction (3)
	4700	Animal Genetics (3)
ENT	4000	Insect Morphology (4)
	4040	Urban Entomology (3)
	4690	Aquatic Insects (3)
ETOX	4210	Chemical Sources & Fate in Environmental Systems (3)
FDSC	4010	Food Chemistry I (3)
	4020	Food Chemistry II (3)
	4200	Special Topics in Food Science (1-3)
	4210	Special Problems in Food Science (1-4)
GEN	3020	Molecular and General Genetics (3)
	4100	Population and Quantitative Genetics (3)
	4200	Molecular Genetics and Gene Regulation (3)
	4400	Bioinformatics (3)
	4500	Comparative Genetics (3)
HORT	4610	Advanced Landscape Garden Design (4)
NUTR	4010	Fundamentals of Nutrition (3)
	4250	Medical Nutrition Therapy II (4)
PKSC	3680	Packaging and Society (3)
	4040	Mechanical Properties of Packages & Principles of Protective Packaging (3)
	4640	Food and Health Care Packaging Systems (4)
PLPA	3020	Plant Pathology Research (1-3)
WFB	4120	Wildlife Management (3)
	4620	Wetland Wildlife Biology (3)
	4690	Aquatic Insects (3)

### ***Environmental and Natural Resources***

Departmental Honors in Environmental and Natural Resources requires at least 12 hours of honors credit taken as follows:

- PES           4910   Senior Honors Research (3)  
                 4920   Senior Honors Research (3)
- or-
- BIOL          4910   Undergraduate Research in Biological Sciences (2-4) at least six (6) hours, taken  
  under a single research advisor over two semesters
- or-
- FNR           4910   Senior Honors Thesis I (3)  
                 4920   Senior Honors Thesis II (3)

-and-

Six (6) hours of honors credit taken from the following courses, or other 3000- or 4000-level honors courses approved by your advisor:

- PES           3150   Environment and Agriculture (3)
- APEC          3090   Economics of Agricultural Marketing (3)  
                 4520   Agricultural Policy (3)  
                 4560   Prices (3)
- BIOL          3020   Invertebrate Biology (3)  
                 3030   Vertebrate Biology (3)  
                 3040   Biology of Plants (3)  
                 4000   Insect Morphology (4)  
                 4010   Plant Physiology (3)  
                 4060   Introductory Plant Taxonomy (3)  
                 4080   Comparative Vertebrate Morphology (3)  
                 4090   Comparative Vertebrate Morphology Laboratory (2)  
                 4110   Limnological Analyses (2)  
                 4140   Basic Immunology (3)  
                 4200   Neurobiology (3)  
                 4320   Animal Histology (3)  
                 4330   Animal Histology Laboratory (2)  
                 4400   Developmental Animal Biology (3)  
                 4410   Ecology (3)  
                 4420   Biogeography (3)  
                 4450   Ecology Laboratory (2)  
                 4460   Plant Ecology (3)  
                 4470   Plant Ecology Laboratory (2)  
                 4500   Developmental Biology Laboratory (2)  
                 4560   Medical and Veterinary Parasitology (3)  
                 4570   Medical and Veterinary Parasitology Laboratory (2)  
                 4580   Cell Physiology (3)  
                 4590   Systems Physiology (3)  
                 4610   Cell Biology (3)  
                 4700   Behavior Ecology (3)  
                 4750   Comparative Physiology (3)

	4760	Comparative Physiology Laboratory (2)
	4840	Human and Comparative Vertebrate Embryology (3)
ENT	4000	Insect Morphology (4)
	4040	Urban Entomology (3)
	4690	Aquatic Insects (3)
ENTX	4210	Chemical Sources & Fate in Environmental Systems (3)
GEN	3020	Molecular and General Genetics (3)
	4100	Population and Quantitative Genetics (3)
	4200	Molecular Genetics and Gene Regulation (3)
	4400	Bioinformatics (3)
	4500	Comparative Genetics (3)
HORT	4610	Advanced Landscape Garden Design (4)
WFB	4120	Wildlife Management (3)
	4620	Wetland Wildlife Biology (3)
	4690	Aquatic Insects (3)

### ***Food, Nutrition, and Packaging Sciences***

Departmental Honors in Food, Nutrition, and Packaging Sciences requires the following sequence of courses totaling 12 credit hours.

Directed Research in Food Science, Nutrition or Packaging Sciences for a total of six (6) credit hours over a period of two semesters under a single advisor.

FDSC	4950, 4951	Senior Honors Research and Lab
	4960, 4961	Senior Honors Research and Lab

-or-

NUTR	4950, 4951	Senior Honors Research and Lab
	4960, 4961	Senior Honors Research and Lab

-or-

PKSC	4950, 4951	Senior Honors Research and Lab
	4960,4961	Senior Honors Research and Lab

-and-

Six (6) hours taken from the following honors courses or other 3000- or 4000-level agriculture or life sciences honors courses approved by your academic advisor.

FDSC	4010	Food Chemistry I (3)
	4020	Food Chemistry II (3)
	4200	Special Topics in Food Science (1-3)
	4210	Special Problems in Food Science (1-4)

NUTR	4510	Human Nutrition and Metabolism I (3)
	4240	Medical Nutrition Therapy I (4)
	4250	Medical Nutrition Therapy II (4)

PKSC	3680	Packaging and Society (3)
	4040	Mechanical Properties of Packages & Principles of Protective Packaging (3)
	4640	Food and Health Care Packaging Systems (4)

The Food, Nutrition, and Packaging Sciences Departmental Honors requirement includes completion of an advanced, mentored 2-semester research project under a single research advisor culminating in an advisor approved Honors thesis, in-depth written report or portfolio of work and an oral project summary presentation.

### ***Forest Resource Management***

Departmental Honors in Forest Resource Management requires the following sequence of courses totaling 8 credit hours:

FNR	4910	Senior Honors Thesis I (3)
	4920	Senior Honors Thesis II (3)

And two (2) additional honors seminars, 1 credit hour each taken with an affiliated 4000-level course, from the following:

FOR	4260	Forest Resource Management Plans Seminar (1) (taken with FOR 4250)
	4610	Silviculture Honors Seminar I (1) (taken with FOR 4650)
	4630	Silviculture Honors Seminar II (1) (taken with FOR 4650)