

Choose ONE primary concentration area (18 credit hours) and TWO secondary concentration areas (15 credit hours each). Six (6) hours in each of the three concentration areas must be at the 3000 level or above. You must also complete a capstone experience in addition to the credits in the concentration areas. The capstone experience can be a course in a concentration area, an internship, or a capstone project.

Agricultural Economics

Management

Number	Course Title	Cr.
AG EC 1041	Applied Microeconomics	3
AG EC 1042	Applied Macroeconomics	3
AG EC 2183	Agricultural Marketing System	3
AG EC 3283	Fundamentals of Entrepreneurship	3
<u>Select two (primary) or one (secondary):</u>		
AG EC 2123	Quant Applications in Ag Econ	3
AG EC 3256	Agribusiness & Biotechnology Law	3
AG EC 3295	Commodity Futures/Options Trading	3
AG EC 4295	Agricultural Risk Management	3

Farm & Ranch

Number	Course Title	Cr.
AG EC 1041	Applied Microeconomics	3
AG EC 1042	Applied Macroeconomics	3
AG EC 2183	Agricultural Marketing System	3
AG EC 3260	General Farm Management	3
<u>Select two (primary) or one (secondary):</u>		
AG EC 3257	Agricultural & Rural Law	3
AG EC 3295	Commodity Futures/Options Trading	3
AG EC 4295	Agricultural Risk Management	3
AG EC 4962	Planning the Farm Business	3

Public Policy

Number	Course Title	Cr.
AG EC 1041	Applied Microeconomics	3
AG EC 1042	Applied Macroeconomics	3
AG EC 2183	Agricultural Marketing System	3
AG EC 3230	Agric & Rural Economic Policy	3
<u>Select two (primary) or one (secondary):</u>		
AG EC 3150	International Agribusiness	3
AG EC 3241	Ethical Issues in Agriculture	3
AG EC 3256	Agribusiness & Biotechnology Law	3
AG EC 3271	International Agric Development	3
AG EC 3272	International Food Trade & Policy	3
AG EC 4356	Environmental Law & Policy	3

Agricultural Education

Number	Course Title	Cr.
AG ED 2220	Verbal Communication in AF&NR	3
AG ED 2250	Personal Leadership Development	3
AG ED 2260	Team & Organizational Leadership	3
AG ED 4001	Ethical Leadership in Diverse Environ	3
AG ED 4340	Design & Deliver Nonformal Ed Pgrm	3
<u>For primary only:</u>		
AG ED 4993	Internship in Ag Education	3

Agricultural Leadership

Number	Course Title	Cr.
AG ED 2220	Verbal Communication in AF&NR	3
AG ED 2250	Personal Leadership Development	3
AG ED 2260	Team & Organizational Leadership	3
AG EC 2223	Agricultural Sales	3
AG EC 3241	Ethical Issues in Agriculture	3
AG EC 3283	Fundamentals of Entrepreneurship	3
PR&TR 3210	Personnel Mgmt & Leadership	3
RU SOC 2010	Leadership in Today's World	3

Agricultural Systems Management

Number	Course Title	Cr.
AG SM 1020	Intro to Ag Systems Management	3
AG SM 1040	Physical Principles of Ag Apps	3
AG SM 2220	Agricultural/Industrial Structures	3
AG SM 2360	Mobile Hydraulics	3
AG SM 4140	Electricity: Wiring & Equipment	3
AG SM 4360	Precision Agriculture Sci & Tech	3
AG SM 4220	Material Handling & Conditioning	3
AG SM 4320	Agricultural Equipment & Machinery	3
AG SM 4420	Surface Water Management	3
AG SM 4460	Irrigation & Drainage	3
AG SM 4145	Sensors & Control Sys for Ag Ind*	3
AG SM 4150	Biorenewable Systems Technology*	3
AG SM 4225	Preservation of Grain Quality*	3
AG SM 4365	Machinery Mgmt Precision Ag Tech*	3

*Courses offered online through the Ag*IDEA Alliance

Animal Sciences

Number	Course Title	Cr.
AN SCI 1011	Animal Science	3
AN SCI 1065	Animal Science Laboratory Practicum	2
AN SCI 2111	Societal Issues Facing Animal Ag	3
AN SCI 2114	Live Animal & Meat Evaluation	3
AN SCI 2115	Livestock Judging	3
AN SCI 2140	Companion Animals	3
AN SCI 2165	Ruminant Production	3
AN SCI 2175	Monogastric Production	3
AN SCI 3213	Genetics of Ag Plants & Animals	3
AN SCI 3231	Principals of Dairy Foods Science	3
AN SCI 3232	Animal Feeds & Feeding	3
AN SCI 4975	Beef Production & Management	3
AN SCI 4976	Advanced Dairy Production	3
AN SCI 4977	Horse Production & Management	3
AN SCI 4978	Swine Production & Management	3
AN SCI 4979	Poultry Production & Management	3

Natural Resources

Number	Course Title	Cr.
NAT R 1060	Ecology & Conservation of Living Res	3
NAT R 1070	Ecology & Renewable Res Mgmt	3
NAT R 1080	Computer App in Natural Resources	2
NAT R 1090	Beginning GIS for Natural Resources	3
NAT R 2160	Contemporary Issues in Nat Res	3
NAT R 3110	Natural Resources Biometrics	3
NAT R 3220	Public Relations for Nat R Managers	3
NAT R 3290	Hydrologic Measurement Tech	3
SOIL 2100	Introduction to Soils	3
SOIL 2106	Soil Science Lab	2
SOIL 3290	Soils & the Environment	3
ATM SC 1050	Introductory Meteorology	3
ATM SC 2100	Introduction to Atmospheric Science	3
ENV SC 1100	Introduction to Environmental Sci	3
ENV SC 3330	Environmental Land Use Mgmt	3
FOREST 2151	Dendrology	4

Food Science and Nutrition

Number	Course Title	Cr.
FS 1030	Food Science & Nutrition	3
FS 2172	Elements of Food Microbiology	3
FS 3214	Principles of Meat Science	3
FS 3231	Principals of Dairy Foods Science	3
FS 3250	Physical Principals for Food Process	3
FS 4310	Food Chemistry & Analysis	4
FS 4331	Tech of Dairy Products & Ingredients	3
FS 4344	Processing Muscle Foods	3
FS 4370	Food Microbiology	3
FS 4375	Food Microbiology Lab	2
FS 4440	Princ of Wine Making/Chem Analy	4
FS 4970	Food Product Development	3
FS 4980	Food Quality Assurance	3

Plant Sciences

Crop Management

Number	Course Title	Cr.
PLNT S 2100	Introduction to Soils	3
PLNT S 2110	Plant Growth & Culture	3
<u>Select two courses:</u>		
PLNT S 3225	Plant Breeding & Genetics	3
PLNT S 3210	Principles of Weed Science	4
PLNT S 3710	Introductory Entomology	3
<u>Select two (primary) or one (secondary):</u>		
PLNT S 3270	Forage Crops	3
PLNT S 3275	Grain Crops	3
PLNT S 4313	Soil Fertility & Plant Nutrition	3
PLNT S 3240	Viticulture I	3
PLNT S 4340	Viticulture II	3
PLNT S 4360	Precision Ag Sci & Techo	3

Hospitality Management

Number	Course Title	Cr.
Hsp Mgmt 1043	Intro to Hospitality Mgmt	3
Hsp Mgmt 1133	Hospitality Law	3
Hsp Mgmt 4253	Hospitality Human Resources Mgmt	3
Hsp Mgmt 4273	Hospitality Sales & Marketing	3
<u>Select two (primary) or one (secondary):</u>		
Hsp Mgmt 3343	Hotel Operations Mgmt	3
Hsp Mgmt 4343	International Hotel Mgmt (Fall)	3
Hsp Mgmt 4353	Hotel Financial Mgmt (Spring)	3
Hsp Mgmt 3410	Conference & Meeting Mgmt (Fall)	3
Hsp Mgmt 4320	Destination Mgmt (Fall)	3
Hsp Mgmt 3510	Guest Service Mgmt (Fall)	3
Hsp Mgmt 4994	Lodging Leadership Mgmt	3

Horticultural Science & Design

Number	Course Title	Cr.
PLNT S 2075	Environmental Horticulture	3
PLNT S 2110	Plant Growth and Culture	3
PLNT S 3230	Plant Propagation	3
<u>Select three (primary) or two (secondary):</u>		
PLNT S 2210	Ornamental Woody Plants	3
PLNT S 2215	Ornamental Herbaceous Plants	3
PLNT S 2254	Landscape Design	3
PLNT S 3355	Intro to Turfgrass Management	3
PLNT S 3260	Greenhouse Management	4
PLNT S 4365	Greenhouse Crops Production	4

Parks, Recreation & Tourism

Number	Course Title	Cr.
PR&TR 1010	Introduction to Leisure Studies	3
PR&TR 2111	Planning & Evaluating Leisure Envir	3
PR&TR 3230	Intro to Parks & Outdoor Rec Services	3
PR&TR 4208	Administration of Leisure Services	3
Tourism – Select two (primary) or one (secondary):		
PR&TR 4355	Private & Commercial Rec Prin & Prac	3
PR&TR 4356	Tourism Management	3
PR&TR 4357	Tourism Planning & Development	3
Natural Recreation Mgmt – Select two (primary) or one (secondary):		
PR&TR 2115	Consortium to Smokey Mountains	2
PR&TR 3231	Prin Interpretation Outdoor Recreation	3
PR&TR 4333	Park Management	3
Leisure Service Mgmt – Select two (primary) or one (secondary):		
PR&TR 3210	Personnel Mgmt & Leadership	3
PR&TR 3215	Program Development in Leisure Ser	3
PR&TR 3220	Intro Rec Individuals w/ Disabilities	2
Sport Management		
PR&TR 1080	Introduction to Sport Management	3
PR&TR 1081	Sport Facility Design	1
PR&TR 2082	Domestic & International Sport Environ	1
PR&TR 2083	Technological Advancements in Sport	1
PR&TR 2281	Business of Sport	3
PR&TR 3185	Sport Economics & Finance	3
PR&TR 3282	Governance & Policy in Sport	3
PR&TR 4385	Legal Aspects of Sport	3

Science & Agricultural Journalism

Number	Course Title	Cr.
SCI AG J 1160	Intro to Ag J & Corner Post Practicum	3
SCI AG J 3210	Fundamentals of Communication	3
SCI AG J 3240	Communicating on the Web	3
SCI AG J 4970	Agriculture and the Media	3
Select two (primary) or one (secondary):		
SCI AG J 2210	Communicating Science to the Public	3
SCI AG J 3414	Field Reporting (required for primary)	3
SCI AG J 3385	PRB: Writing for Corner Post	3
SCI AG J 4415	Current Issues in Science Journalism	3
SCI AG J 4480	Will Write for Food (and Wine)	3

Rural Sociology

Agriculture and Environment

Number	Course Title	Cr.
RU SOC 1000	Introduction to Rural Sociology	3
Select five (primary) or four (secondary):		
RU SOC 1120	Population Ecology	3
RU SOC 2010	Leadership in Today's World	3
RU SOC 2225	Science, Technology & Society	3
RU SOC 3235	Global Perspectives & Realities	3
RU SOC 4310	Sociology of Agriculture & Natural Res	3
RU SOC 4335	Social Change & Trends	3
RU SOC 4370	Environment and Society	3
RU SOC 3940	Practicum in Rural Sociology*	3

* Primary Concentration only

Community Studies

Number	Course Title	Cr.
RU SOC 1000	Introduction to Rural Sociology	3
Select five (primary) or four (secondary):		
RU SOC 2010	Leadership in Today's World	3
RU SOC 2225	Science, Technology & Society	3
RU SOC 3235	Global Perspectives & Realities	3
RU SOC 4325	American Community Studies	3
RU SOC 4335	Social Change & Trends	3
RU SOC 4341	Building Communities Grassroots	3
RU SOC 4342	Empowering Communities Future	3
RU SOC 4343	Creating Capacity Dynamic Commun	3
RU SOC 3940	Practicum in Rural Sociology*	3

* Primary Concentration only