

Student: _____

Mizzou ID: _____

General Education [35 credits]		CAFNR Concentrations & Capstone [51 Credits]	
ENGLISH 1000 (Exposition & Argumentation) ^a	(3) _____	Primary [18]^c _____	_____ () _____
MATH 1100 (College Algebra or higher) ^a	(3) _____	_____ - _____	() _____
Biological, Physical or Math Sciences [11]^b		_____ - _____	() _____
BIO SC 1010 and 1020, 1030, 1200 or 1500	(5) _____	_____ - _____	() _____
CHEM 1100 or 1320	(3) _____	_____ - _____	() _____
Biological, Physical or Mathematical Sci Elective	(3) _____	_____ - _____	() _____
Social and/or Behavioral Sciences [9]^b		Secondary [15]^c _____	
AG EC 1041 or ECON 1014 (microeconomics)	(3) _____	_____ - _____	() _____
AG EC 1042 or ECON 1015 (macroeconomics)	(3) _____	_____ - _____	() _____
American History: HIST 1100, 1200, 2210, 2440, 4000, 4220, or 4230	(3) _____	_____ - _____	() _____
or American Government: POL SC 1100 or 2100		_____ - _____	() _____
Humanistic Studies and/or Fine Arts [9]^b		Secondary [15]^c _____	
AG ED LD 2220 or COMMUN 1200	(3) _____	_____ - _____	() _____
_____ - _____	(3) _____	_____ - _____	() _____
_____ - _____	(3) _____	_____ - _____	() _____
Additional Requirements:		_____ - _____	() _____
<input type="checkbox"/> Writing Intensive (WI) course ^a _____		_____ - _____	() _____
<input type="checkbox"/> WI course (3000-level or above in the major) ^a _____		Capstone Course: Additional course in concentration, (3) _____	
<input type="checkbox"/> Math Reasoning Proficiency course ^a _____		AFNR 4972 – Capstone Project, or AFNR 4993 – Internship in AFNR ^a	

^a Grade of C- or better

^b At least one course 2000-level or higher in two of three content areas. Refer to approved course list online at <http://generaleducation.missouri.edu/courses/>
^c At least 6 credits in each concentration must be at the 3000-level or above

Electives (may be used to fulfill minor requirements) [34 credits]			
_____ - _____	() _____	_____ - _____	() _____
_____ - _____	() _____	_____ - _____	() _____
_____ - _____	() _____	_____ - _____	() _____
_____ - _____	() _____	_____ - _____	() _____
_____ - _____	() _____	_____ - _____	() _____
_____ - _____	() _____	_____ - _____	() _____
_____ - _____	() _____	_____ - _____	() _____
_____ - _____	() _____	_____ - _____	() _____
_____ - _____	() _____	_____ - _____	() _____

Select **ONE** primary concentration area (18 cr. hrs.) and **TWO** secondary concentration areas (15 cr. hrs. each). Six (6) credit hours in each of the three concentration areas must be at the 3000-level or above. 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 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

Agricultural Education

Number	Course Title	Cr.
AG ED LD 2220	Verbal Communication in AF&NR	3
AG ED LD 2250	Introduction to Leadership	3
AG ED LD 2260	Team & Organizational Leadership	3
AG ED LD 2270	Leadership Development Youth Org	3
AG ED LD 4310	Intracurricular Prog Mgmt in Ag Ed	3
AG ED LD 4320	Methods of Teaching I	3
AG ED LD 4330	Methods of Teaching II	3
AG ED LD 4340	Design & Deliver Educ/Ldrshp Prog	3
<u>For primary only:</u>		
AG ED 4993	Intern in Ag Education & Leadership	3

Agricultural Economics – 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

Agricultural Leadership

Number	Course Title	Cr.
AG ED LD 2220	Verbal Communication in AF&NR	3
AG ED LD 2250	Introduction to Leadership	3
AG ED LD 2260	Team & Organizational Leadership	3
AG ED LD 2270	Leadership Development Youth Org	3
RU SOC 2010	Leadership in Today's World	3
AG EC 2223	Agricultural Sales	3
AG EC 3241	Ethical Issues in Agriculture	3
AG EC 3283	Fundamentals of Entrepreneurship	3
SCI AG J 3210	Fundamentals of Communication	3
P R TR 3210	Personnel Mgmt & Leadership	3
AG ED LD 4340	Design & Deliver Educ/Ldrshp Prog	3

Agricultural Economics – 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 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	

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

Plant Sciences – 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

Rural Sociology – *Community Studies*

Number	Course Title	Cr.
RU SOC 1000	Introduction to Rural Sociology	3
<u>Select five (primary) or four (secondary):</u>		
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

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
<u>Select two (primary) or one (secondary):</u>		
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 & Environment*

Number	Course Title	Cr.
RU SOC 1000	Introduction to Rural Sociology	3
<u>Select five (primary) or four (secondary):</u>		
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

Student: _____

Mizzou ID: _____

General Education [35 credits]	CAFNR Concentrations & Capstone [51 Credits]
ENGLISH 1000 (Exposition & Argumentation) ^a (3) _____	Primary Concentration [18]
MATH 1100 (College Algebra or higher) ^a (3) _____	AFNR 2215 – Intro Theory & Practice Sustainable Ag (3) _____
Biological, Physical or Math Sciences [11]^b	AFNR 3215 – Community Food Systems (3) _____
BIO SC 1010 and 1020, 1030, 1200 or 1500 (5) _____	AFNR 3315 – Advanced Practices in Sustainable Ag (3) _____
CHEM 1100 or 1320 (3) _____	SOIL 2100 – Introduction to Soils (3) _____ (concurrent enrollment in SOIL 2106 recommended)
Biological, Physical or Mathematical Sci Elective (3) _____	<i>Choose two courses form the following</i>
Social and/or Behavioral Sciences [9]^b	AN SCI 2111 – Societal Issues Facing Animal Agric (3) _____
AG EC 1041 or ECON 1014 (microeconomics) (3) _____	PLNT S 2110 – Plants and their Cultivation (3) _____
AG EC 1042 or ECON 1015 (macroeconomics) (3) _____	RU SOC 1120 – Population and the Environment
American History: HIST 1100, 1200, 2210, 2440, 4000, 4220, or 4230 (3) _____	NAT R 1060 – Ecology & Conservation Lvng Rsres
or American Government: POL SC 1100 or 2100	NAT R 1070 – Ecology & Renewable Rsrc Mgmt
Humanistic Studies and/or Fine Arts [9]^b	Secondary Concentration [15]
AG ED LD 2220 or COMMUN 1200 (3) _____	AG EC 2070 – Environmental Economics and Policy (3) _____
_____ - _____ (3) _____	AG EC 2183 – Agricultural Marketing System (3) _____
_____ - _____ (3) _____	AG EC 3241 – Ethical Issues in Agriculture (3) _____
Additional Requirements:	<i>Choose one course from the following</i>
<input type="checkbox"/> Writing Intensive (WI) course ^a _____	AG EC 3260 – General Farm Management (3) _____
<input type="checkbox"/> WI course (3000-level or above in the major) ^a _____	AG EC 3224 – New Products Marketing
<input type="checkbox"/> Math Reasoning Proficiency course ^a _____	<i>Choose one course from the following</i>
^a Grade of C- or better	RU SOC 2225 – Science, Technology and Society (3) _____
^b At least one course 2000-level or higher in two of three content areas. Refer to approved course list online at http://generaleducation.missouri.edu/courses/	BIOCHM 2112 – Biotechnology in Society
^c At least 6 credits in each concentration must be at the 3000-level or above	SCI AG J 4414 – Field Rprtng Food Systems & Env
	Secondary [15]^c <i>Select one system from the next page</i>
	_____ - _____ () _____
	_____ - _____ () _____
	_____ - _____ () _____
	_____ - _____ () _____
	_____ - _____ () _____
	_____ - _____ () _____
	Capstone Course: AFNR 4972 – Capstone Project (3) _____ or AFNR 4993 – Internship in AFNR ^a
Electives (may be used to fulfill minor requirements) [34 credits]	
_____ - _____ () _____	_____ - _____ () _____
_____ - _____ () _____	_____ - _____ () _____
_____ - _____ () _____	_____ - _____ () _____
_____ - _____ () _____	_____ - _____ () _____
_____ - _____ () _____	_____ - _____ () _____
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_____ - _____ () _____	_____ - _____ () _____

Secondary Concentration [15 Credits]
(At least 6 credits must be at the 3000-level or above)

Community Food Systems

AG EC 2223	Agricultural Sales
AG EC 3271	International Agricultural Development
AG EC 3283	Fundamentals of Entrepreneurship
AG ED LD 2220	Verbal Communications in AFNR
AG ED LD 2250	Introduction to Leadership
AG ED LD 2260	Team and Organizational Leadership
AG ED LD 4340	Designing and Delivering Educational/Leadership Programs
AN SCI 2111	Societal Issues Facing Animal Agric
FINPLN 2183	Personal and Family Finance
HSP MGMT 1991	Food Service Sanitation Management
NEP 4590	Community Nutrition
RU SOC 3235	Global Perspectives and Realities
RU SOC 3325	Sociology of Food and Nutrition
RU SOC 4341	Building Communities from the Grassroots
RU SOC 4325	American Community Studies
RU SOC 4370	Environmental Sociology

Production Systems

AG EC 4962	Planning the Farm Business
AN SCI 2111	Societal Issues Facing Animal Agriculture
AN SCI 2165	Intro to Ruminant Livestock Production
AN SCI 2175	Intro to Monogastric Production
AN SCI 3212	Principles of Animal Nutrition
FOREST 4385	Agroforestry I: Theory, Practice and Adoption
PLNT S 2075	Environmental Horticulture
PLNT S 2125	Plant Structure and Function
PLNT S 3210	Principles of Weed Science
PLNT S 3230	Plant Propagation
PLNT S 3260	Greenhouse Management
PLNT S 3270	Forage Crops
PLNT S 3275	Grain Crops
PLNT S 3710	Introductory Entomology
PLNT S 3715	Insect Diversity
PLNT S 4730	Insect Pest Management for Plant Protection
SOIL 3290	Soils and the Environment
SOIL 4308	Soil Conservation
SOIL 4312	Environmental Soil Microbiology
SOIL 4313	Soil Fertility and Plant Nutrition