

College of Agriculture, Food & Natural Resources
Agricultural Systems Management

Student Name _____

Student Number _____

Student Pin Number _____

Advisor's Name _____

Entering Year: _____

Expected Graduation Date _____

EXAMPLE PROGRAM

First Year		Second Year	
College Algebra 1120 (3) General Principles & Concepts of Biology 1010 (3) General Biology Laboratory 1020 (2) ASM 1020 (3) History(Prior to 1865) 1100 (3)	English Composition 1000 (3) Computing & Information Systems I 1111 (3) Atoms & Molecules 1100 (3) ASM 1040 (3) Ag Econ (Micro) 1041 (3)	ASM 2360 (Hydraulics) (3) Ag Econ (Macro) 1042 (3) Bio Chem (Society) 2112 (3) Communication (Speech) 1200 (3) Ru Soc (Intro) 1100 (3)	ASM 2340 (Pesticides) (3) ASM 2320 (Engines) (3) Ag Econ (Sales) 2223 (3) Soils (Intro) 2100 (3) Statistical Analysis 1200 (3) Elective (3)

Third Year		Fourth year	
ASM 4140 (Electricity) (3) Ag Econ (Marketing) 2183 (3) Finance I 1000 (3) Ag J (Fund of Comm) 3210 (3) Humanity (3)	ASM 4220 (Grain Handling) (3) ASM 4020 (Safety) (3) Ag Econ (Farm Mgnt) 3310 (3) Humanity (3) Accounting I 2036 (3) ASM 4940 (Internship) (5)	ASM 4970 (Capstone) (3) ASM 4320 (Machinery) (3) PHIL 1000 (3) Accounting 2037 (3) AG EC 2183 (3)	ASM 4360 (Precision Ag.) (3) Ag Econ (Rur Ag. Law) 3257 (3) AG S M Elective (3) AG S M Elective (3) AG S M Elective (3)

AGRICULTURAL SYSTEMS MANAGEMENT DEGREE PROGRAM

Requirements: 128 Hrs Minimum (do not count courses below English 1000 (20), or Math 1140 (9)); 50 Hrs in courses # 2000 (100) and above; 24 Hrs in courses # 3000 & above; 32 Hrs in CAFNR(20 hrs must be completed on MU campus); 2 writing intensive courses (1 in CAFNR); 1 math proficiency course; must meet state law requirements; 1 computer proficiency course as stated below.

CAFNR GENERAL REQUIREMENTS	Course Number	COURSE	HOURS			Semester	Grade
			1000-1999	2000-2999	3000 - UP		
COMMUNICATIONS (9 HRS) ELECTIVE: English 2030, Eng. 2010, Theatr 1400, Foreign Lang, or R Soc. 2225, Ag Ed 2220, Ag 2190, Ag J 3210, 3240, 3270, Comm. 1110, 3441, 3572, 3575, 3576	Eng 1000	English Exposition & Argumentation	3				
	Comm 1200	Intro to Speech Communication	3				
MATHEMATICS (5 - 6 HRS)* Math 1120 or higher required (C- or better) Elective: Statistics or additional math. course.	Math 1120	College Algebra	3				
PHYSICAL & BIOLOGICAL SCIENCES (10-11 HRS) One course from each below: - Biological Sciences 1010 and 1020, 1100 or 1200 or 1500 (5 hr. min.) - Chem 1100 or 1310 or 1320 (2-3 minimum) - Biochem 2110 or 2112 or Chem 1330	Bio 1010	General Biology	3				
	Bio 1020	Biology Lab	2				
	Chem 1100	Atoms and Molecules	3				
SOCIAL & BEHAVIORAL SCIENCES (9 HRS) ** Must include: - AgEcon 1041& 1042 or Econ 1014 & 1015 - State Law requirement	Ag Ec 1041	Applied Micro Economics	3				
	Ag Ec 1042	Applied Macro Economics	3				
	History	State Law Requirement	3				
HUMANISTIC STUDIES & FINE ARTS (6 HRS)** Examples: Ag Ec. 3241, Ag. J. 3210, Ag Ed. 2220, Rural Soc. 1150, Music, Art, Art History, Classics, Literature, Philosophy, Religious Studies, Foreign Language, Theater, Environmental Design.							

Total This page			
-----------------	--	--	--

**Must meet the CAFNR 9 hr. sequence requirements and have taken Communications 1200. *Math 1120 or equivalent must be taken before you earn 55 hours, a grade of C- is required in math prior to graduation (Fall 1993). One course cannot be used to fulfill two requirements on this page.

AGRICULTURAL SYSTEMS MANAGEMENT DEGREE PROGRAM

PROGRAM REQUIREMENTS	COURSE NUMBER	COURSE	HOURS			SEMESTER	GRADE
			1000-1999	2000-2999	3000 - UP		
SUPPORTING COURSES (6 HRS) Must include: - 3 Hrs computer course(Ag 1111, 2112) - 3 Hrs Soil or Plant Sci 2100 or Plant Science 2110 or Animal Science 1065 or 1011							
ASM COURSES (31 Hrs) Must include: - At least 12 Hrs from: ASM 2360, 4420, 4140, 4320, 4020. - Select Remaining from: ASM 2320, 2340, 4210, 4220, 3350, 4360, 4460, 4940.	ASM 1020	Intro to Ag Sys Management	3				
	ASM 1040	Physical Principles for Agri.	3				
	ASM 4970	Agricultural Systems Mgt			3		
BUSINESS/ ECONOMICS (15 Hrs) You must take at least one course from each of the five following areas. 1 - Accounting (Acct 2036, Acct 2037) 2- Marketing Princ. (Ag Econ 2183 or Mgt 3000) 3 - Finance (Ag Econ 3282 or Fin 1000) 4 - Legal Liability (Ag Econ 2156 or Mgt 3000) 5 - Management (Mgt 3000 or Ag Econ 3260)	Acct 2036	Accounting I	3				
ELECTIVES (To total 128 min.)							

Total Hours			
Total Page			
Grand Total			

Relevant work experience, preferably an internship is important and recommended whenever schedule and opportunity allow.

- Graduation Check list
- __ One math proficiency course__ One computer proficiency course__ History Requirement (State Law)
 - __ Two writing intensive courses__ One general education course sequence

DUAL DEGREE: _____ MINOR: _____

MINORS Exist in many depts. & usually requires >15 hrs. including 3 upper class courses (3000 +). Check requirements in that dept.				
Total:				

SUGGESTED ELECTIVES:

AGRI-INDUSTRY (OPERATOR MANAGEMENT) EMPHASIS: Ag 2112 Computer & Programming Concepts 1111; Acc 2037 Accounting II; Psych 1000 General Psychology; Mgt 4010 Operations Management; Mgt 4020 Human Resource Management; Ag Ec 2223 Agricultural Sales; ASM 2320 Internal Combustion Power; ASM 1120 Agr/Ind Materials and Processes; ASM 4140 Electricity: Writing and Equipment; ASM 4320 Agricultural Equipment and Machinery; ASM 4220 Material Handling and Conditioning.

NATURAL RESOURCES MANAGEMENT (SCS, MDNR) EMPHASIS: Nat Res 2100 & 2106 Soil Science Lab; PI Sc 3210 Weed Science; PI Sc 3270 Forage Crops; PI Sc 3275 Grain Crops; PI Sc 2254 Landscape Design; Mgt 4020 Human Resource Management; ASM 2340 Pesticide Application Equipment; ASM 4420 Surface Water Management; ASM 4460 Irrigation and Drainage.

AGRI-INDUSTRY (FOOD PROCESSING) EMPHASIS: Chem 2100 Organic Chemistry; FSHN 2172 Elements of Microbiology ; FSHN 4330 Attribute of Food quality; FSHN 3250 Food Processing; Muscle Foods; FSHN 4360 Food Quality Assurance; FSHN 3250 Physical Prin of Food Processing; ASM 2360 Mobile Hydraulics; ASM 4140 Electricity : Wiring and Equipment; ASM 4220 Materials Handling and Conditioning.

PRODUCTION AGRICULTURE EMPHASIS: Chem 2100 Organic Chemistry; Ag Ec 3260 General Farm Management; Ag Ec 4962 Planning the Farm Business; PI Sc 3270 Forage Crops; PI Sc 3275 Grain Crops; PI Sc 4313 Genetics of Livestock Improvement; An Sc 3212 Principles of Animal Nutrition; An Sc 3213 Genetics of Livestock Improvement; ASM 2320 Internal Combustion Power; ASM 1020 Introduction to ASM; ASM 2360 Mobile Hydraulics, ASM 2340 Pesticide Application Equipment; ASM 4420 Surface Water Management; ASM 4140 Electricity; Wiring and Equipment; ASM 4320 Agricultural Equipment and Machinery; ASM 4220 Materials Handling and Conditioning; ASM 4460 Irrigation and Drainage.

GRADUATION CHECKLIST:

1. Complete Graduation Program when you have completed 70 HRS. See your advisor.
2. Remember to order your cap & gown.
3. At least one (1) math proficiency course ©-
4. At least two (2) writing intensive courses ©-
5. One general education (social science or humanities) sequence (i.e., Ag Econ 1041, 1042, & 3224)
6. At least one (1) computer proficiency course
7. State Law Requirement (History 1100 & 1200 or Political Science 1100, 1700, or 2100)