

Environmental Systems Management, M.S.

Thesis Option

The 30 credit hour requirement is met through major core, major research, and major elective courses. A minimum of 18 credit hours in graduate level ENVS and/or Agriculture Related courses in Department of Agriculture, Agribusiness and Environmental Sciences, and three (3) hours of quantitative analysis statistics based course is required toward ENVS Master of Science degree. Additionally, free elective courses may count toward the 30 credit hour requirement; ENVS 5399 Thesis Topics course is optional and only three (3) credit hours permitted towards degree plan.

Code	Title	Semester Credit Hours
Core Requirements		6
PLSS 5360	Exper. Designs & Data Analysis ¹	
RAMT 5351	Sys Apprch Natrl Res Prblm Sol	
Major Core-Support Field: Business Management ²		9
MGMT 5320	Leading a Sustainable Organ	
MGMT 5370	Leadership, Change & Innovat.	
MGMT 5350		
Thesis Requirement		
ENVS 5306	Thesis	3
ENVS 5306	Thesis	3
Approved Electives		12
Select 12 hours from the following:		
ENVS 5300	Adv. Environmental Science	
ENVS 5310	Sustainable Landuse Dec & Mgmt	
ENVS 5320	North America Wetlands	
ENVS 5330	Sustainability of Eviron Ecosy	
ENVS 5340	Soil and Water Conservation	
ENVS 5350	Experimental Design	
ENVS 5390	Adv Studies in Environment Sci	
ENVS 5395	Adv Probs in Environmental Sci	
ENVS 5399	Thesis Topic ³	
Free Elective		3
Select any graduate-level course in BIOL, GEOG/GIS, ANSC, RWSC, PLSS, ENVS, or RAMT.		
Total Semester Credit Hours		36

¹ Students may substitute this quantitative analysis course with any 5000-level or 6000-level quantitative analysis course.

² These three courses provide a certificate in Management from the College of Business Administration.

³ Only three credit hours of PLSS 5399 will be counted toward the degree total.

Research Project Option

The 36 credit hour requirement is met through major core, major research, and major elective courses. A minimum of 24 credit hours in graduate level ENVS courses in Department of Agriculture, Agribusiness and Environmental Services, and 3 hours of quantitative analysis based course is required toward ENVS Master of Science degree. Additionally, free elective courses may count toward the 36 credit hour requirement.

Code	Title	Semester Credit Hours
Core Requirements		
RAMT 5351	Sys Apprch Natrl Res Prblm Sol	3
Major Core-Support Field: Business Management ¹		9

MGMT 5320	Leading a Sustainable Organ	
MGMT 5370	Leadership, Change & Innovat.	
MGMT 5350		
Research Project Requirement		
ENVS 5305	Graduate Research Project	3
Approved Electives		21
Select 21 hours from the following:		
ENVS 5300	Adv. Environmental Science	
ENVS 5310	Sustainable Landuse Dec & Mgmt	
ENVS 5320	North America Wetlands	
ENVS 5330	Sustainability of Eviron Ecosy	
ENVS 5340	Soil and Water Conservation	
ENVS 5350	Experimental Design	
ENVS 5390	Adv Studies in Environment Sci	
ENVS 5395	Adv Probs in Environmental Sci	
Total Semester Credit Hours		36

¹ These three courses provide a certificate in Management from the College of Business Administration.

Course Only Option

The 36 credit hour requirement is met through major core, major research, and major elective courses. A minimum of 24 credit hours in graduate level ENVS courses in Department of Agriculture, Agribusiness and Environmental Sciences is required toward ENVS Master of Science degree. Additionally, free elective courses may count toward the 36 credit hour requirement.

Code	Title	Semester Credit Hours
Core Requirements		
RAMT 5351	Sys Apprch Natrl Res Prblm Sol	3
Major Core-Support Field: Business Management ¹		9
MGMT 5320	Leading a Sustainable Organ	
MGMT 5370	Leadership, Change & Innovat.	
MGMT 5350		
Approved Electives		24
Select 24 hours from the following:		
ENVS 5300	Adv. Environmental Science	
ENVS 5310	Sustainable Landuse Dec & Mgmt	
ENVS 5320	North America Wetlands	
ENVS 5330	Sustainability of Eviron Ecosy	
ENVS 5340	Soil and Water Conservation	
ENVS 5350	Experimental Design	
ENVS 5390	Adv Studies in Environment Sci	
ENVS 5395	Adv Probs in Environmental Sci	
Total Semester Credit Hours		36

¹ These three courses provide a certificate in Management from the College of Business Administration.