Student's name: _____ Thesis option: _____ Non-Thesis option: _____

Advisor's name: _____ Date prepared: _____

ESE M.S. Academic Plan: Environmental Characterization and Risk Analysis

1. Prerequisites

ESE Prerequisites	Previous course: institution, no., date	Planned course: Institution, no., date	Requirement satisfied?	Comments
Required college courses:				
Calculus I				
Calculus II				
Chemistry I				
Chemistry II				
Physics				
Statistics				
Strongly recommended:				
Biology				

2. Required course work

Course no.	Abbreviated title	Credits	Prerequisite ?	Semester planned	Sem. completed / grade
ESGN500	Environmental water chemistry	3			
ESGN503	Environmental pollution, …	3			
ESGN502	Environmental law, *or* alternative:	3			
ESGN598S	ESE seminar	0			
ESGN598S	ESE seminar	0			
ESGN501	Risk assessment	3			
ESGN545	Environmental toxicology	3			
ESGN705 ESGN599	Graduate research, *or* Independent study	6 3			
		18 NT or 21 T			

3. Elective course work (potential electives are shown, but other courses can be proposed)

Course no.	Title	Credits	Prerequisite ?	Semester planned	Sem. completed / grade
ESGN544	Aquatic toxicology	3			
ESGN456	Scientific basis of env. regs.	3			
ESGN527	Watershed systems analysis	3			
ESGN591	Analysis of environmental impact	3			
GEGN573	Geological engineering site inv.	3			
GEGN575	Applications of GIS	3			
MNGN438	Introduction to geostatistics	3			
ESGN 513	Limnology	3			
		>12 NT or >9 T			

4. Total M.S. curriculum

Non-Thesis option: Core: _____cr.; Ind. study: _____cr.; Electives:_____cr.; Total:_____cr.

Thesis option: Core: _____cr.; Research: _____cr.; Electives:_____cr.; Total:_____cr.