Advisor Initials _____

Soil Science Graduate Specialization Program of Study Addendum

Student's Name:			
Please Print Last (Name.#)	First	Middle	
SUPPORTING UNDERGRADUATE	COURSES		
 Please include the following: Mathematics & Statistics (four or more Biological Sciences (one or more course Chemistry (three or more courses required Geology (one or more courses required Physics (one or more courses required 	ses required) iired) d)		
Course Number & Title	University	Credit Hours	Grade
Notes:			

ENR CORE for MS

ENR 6000 Research in Environment and Natural Resources ENR 8980 Environment and Natural Resources Seminar ENR 8897 Research Proposal Symposium

CORE COURSES (Required for MS & PhD Degrees in addition to the ENR Core)

Please note if course equivalent has been taken at a university that is not OSU.

Course Number & Title	Qtr/Sem Credit Hours	Term/Yr to Enroll
ENR 5260 Soil Landscapes: Morphology, Genesis and Classification	3	
ENR 5261 Environmental Soil Physics	3	
ENR 5262 Soil Chemical Processes and Environmental Quality	3	
ENR 5263 Biology of Soil Ecosystems	3	
STAT 5301 Intermediate Data Analysis I	4	
STAT 5302 Intermediate Data Analysis II	3	
Subtotal		

ENR CORE for PhD

ENR 8980 Environment and Natural Resources Seminar ENR 8785 Research Paradigms (offered Spring in odd years)

CORE COURSES (Required for PhD Degree in addition to the ENR Core and Soil Science Specialization MS Core)

Please note if course equivalent has been taken at a university that is not OSU.

Course Number & Title	Credit Hours	Qtr/Yr to Enroll
ENR 5265 Characterization of Soil in the Field and Laboratory: Sampling	3	
ENR 5266 Field Soil Investigation: Soil Chemistry, Fertility and Biology	3	
Subtotal		

Advisor Initials _____

ADDITIONAL COURSES

Please give titles and descriptions of all Independent Study and Group Study courses

The following list includes additional courses that are relevant to the Soil Science Specialization.

- ENR 5270 Soil Fertility and Fertilizers
- ENR 5271 Soils of Forest Ecosystems
- ENR 5272 Urban and Sports Turf Soils
- ENR 5273 Environmental Fate and Impact of Contaminants in Soil and Water
- ENR 6610 Soil and Environmental Biochemistry
- ENR 7530 Soil and Environmental Mineralogy
- ENR 8710 Soils and Climate Change
- Biochemistry 4511 Intro to Biological Chemistry
- Biochemistry 5613 Biochemistry & Molecular Biology
- Biochemistry 6765.01,6765.02 Advanced Biochemistry: Physical Biochemistry
- Earth Science 5718 Aguatic Geochemistry
- Earth Sciences 5550 Geomorphology
- Earth Sciences 5621 Introduction to Geochemistry
- Earth Sciences 5636 Advanced Topics in Mineralogy and Crystallography

- Earth Sciences 5651 Hydrogeology
- Entomology 7940 Interdisciplinary Research, Teamwork and Leadership
- Environmental Engineering 5430 Principles of Risk Assessment
- Geography 5220 Fundamentals of Geographic Information Systems
- Horticulture & Crop Science 7821 Environmental Physiology of Managed Plant Systems
- Microbiology 4100 General Microbiology
- Microbiology 5155 Environmental Microbiology
- Microbiology 6080 Advanced Microbial Genetics
- Molecular Genetics 5630 Plant Physiology
- Plant Pathology 5550 Quantitative Methods for Agricultural Scientists

			Sem/Yr to
Department, Course Number, and Title		Credit Hours	Enroll
Notes:			