

## ESGP MS Course Checklist Water Issues Specialization

Student's Name \_\_\_\_\_ Advisor \_\_\_\_\_

### Semester/Grade Earned

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### ESGP Required Courses (13 credit hours)

ENVSCI 7899 ESGP Seminar (1 crhr)  
ENVSCI 7899 ESGP Seminar (1 crhr)  
ENVSCI 7899 ESGP Seminar (1 crhr)  
ENR 8890.02 Ecological Restoration Seminar (1 crhr)  
Biological Sciences Approved Course (3 crhrs) \_\_\_\_\_  
Physical Sciences Approved Course (3 crhrs) \_\_\_\_\_  
Social Sciences Policy Approved Course (3 crhrs) \_\_\_\_\_

### Semester/Grade Earned

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### Electives (3 credit hours) With advisor's guidance and approval, select from the following list of ESGP courses

ENR 5280 Stream Ecology (4 crhrs)  
ENR 5345 Methods in Aquatic Ecology (4 crhrs)  
ENR 5355 Aquacultures (3 crhrs)  
ENR 7700 Watershed Ecology and Restoration (3 crhrs)  
CIVILEN 5230 Transport Phenomena in Water Resources Engineering (3 crhrs)  
CIVILEN 5420 Remote Sensing of Environment (3 crhrs)  
CIVILEN 6230 Numerical Models in Water Resources Engineering (3 crhrs)  
ENVENG 5120 Advanced Environmental Biotechnology (3 crhrs)  
ENVENG 6210 Environmental Engineering Unit Operations (3 crhrs)  
EARTHSC 5206 Advanced Oceanography (3 crhrs)  
EARTHSC 5655 Land Surface Hydrology (3 crhrs)  
EARTHSC 5751 Quantitative Ground-Water Flow Modeling (4 crhrs)  
EARTHSC 5752 Contaminants in Aqueous Systems (4 crhrs)  
FABENG 5730 Design of Agricultural Water Management Systems (3 crhrs)  
FABENG 5750 Stream Geomorphology and Watershed Hydrology (3 crhrs)

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### Research Credits (14 credit hours minimum)

Research Hours in Advisor's home department

In addition to the general Graduate School requirements of a cumulative grade point average of 3.0 or higher, students must meet specific college policies regarding grades in courses.

I certify that the above named student has meet the requirements for completion of the MS

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Date*