# Graduate Student and Advisor Checklist

**MASTER OF SCIENCE PROGRAM**  
Environmental Science and Technology

## Personal Checklist

<table>
<thead>
<tr>
<th>Date</th>
<th>Form</th>
<th>Requirement</th>
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<tbody>
<tr>
<td>__________</td>
<td>__________</td>
<td>admitted to program</td>
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<td>__________</td>
<td>__________</td>
<td>Advisory Committee formed (end of 2nd semester)</td>
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<td>__________</td>
<td>__________</td>
<td>Proposed Plan of Study form in file (end of 2nd semester)</td>
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<td>__________</td>
<td>__________</td>
<td>Research Proposal in file (end of 2nd semester)</td>
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<td>__________</td>
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<td>Admission conditions (if any) satisfied</td>
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<td>__________</td>
<td>__________</td>
<td>Course requirements completed:</td>
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<tr>
<td></td>
<td></td>
<td>a. 24 graduate credits (30 credits non-thesis)</td>
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<td></td>
<td></td>
<td>b. 6 credits of 799 (thesis option)</td>
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<tr>
<td></td>
<td></td>
<td>c. 12 credits 600+ level (18 credits non-thesis)</td>
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<tr>
<td></td>
<td></td>
<td>d. Entrance Seminar (798)</td>
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<td>e. Exit Seminar (798)</td>
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<td></td>
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<td>f. ENST 602</td>
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<td>g. ENST 702</td>
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<td>h. Graduate Level Statistics Course</td>
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<td></td>
<td>i. Soil &amp; Watershed Science</td>
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<tr>
<td></td>
<td></td>
<td>12 credits of graduate</td>
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<tr>
<td></td>
<td></td>
<td>graduate level soil science courses</td>
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</tbody>
</table>

**Ecological Technology Design**  
6 credits of 400+ ecology courses  
6 credits of 400+ ecology, design or related engineering courses

**Wetland Science**  
18 credits of approved graduate level courses in Ecology, Soil Science and Hydrology (3 credits from each group)

| __________ | __________            | Application for Diploma form submitted to Grad School (from Grad School)   |
| __________ | __________            | Thesis completed                                                            |
| __________ | __________            | Nomination of Thesis Examining Committee form submitted (Nomination & Thesis Form.doc) |
| __________ | __________            | Approved Program for the Master of Science form submitted (Approved Program Form.doc) |
| __________ | __________            | Final examination held                                                      |
| __________ | __________            | Report of Examining Committee form submitted to Grad School (ENST) (from Grad School) |
| __________ | __________            | ENST Committee Report Form returned to dept. (MSForm3.doc)                  |
| __________ | __________            | Signed thesis submitted to Grad School                                      |
| __________ | __________            | Thesis copy submitted to ENST Grad. Coordinator                             |

MSForm1.doc
M.S. PLAN OF STUDY
Environmental Science and Technology

Candidate: ___________________________________ Student Number: ______________________

Check Current Program: _____ Soil & Watershed Sciences
                      _____ Ecological Technology Design
                      _____ Wetland Science
                      _____ Thesis Option          _____ Non-Thesis Option

I.  Admission Requirements: (Check if completed)

   _____ a.  Calculus (1 semester)
   _____ b.  Basic science (16 credits) (Chem., Biochem., Physics, Math beyond Calculus)
   _____ c.  Other provisions: (if any) ______________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________

II.  Course Requirements (List course number; must be 400 level or higher.):

    A.  All candidates must complete these courses:
        _____ a.  ENST798 Seminar -- 2 Credits (Entrance and Exit)
        _____ b.  ENST799 Research -- 6 Credits
        _____ c.  ENST602 -- 3 Credits
        _____ d.  ENST702 -- 2 Credits
        _____ e.  One approved graduate level course in statistics -- 3 Credits
        _____ f.  600+-level courses – total of 12 credits or more

    B.  Soil & Watershed Sciences Candidates
        _____ a.  Twelve credits of graduate level soil science courses. The 12 credits must be
                earned in any four of the following five areas: soil chemistry, soil physics, soil
                pedology, soil biology, soil fertility.

    C.  Ecological Technology Design Candidates
        _____ a.  Six credits of graduate level courses in ecology
        _____ b.  Six credits of graduate level courses in ecological design or related engineering
                courses.

    D.  Wetland Science Candidates
        _____ a.  Twelve (12) credits from a list of approved graduate level courses in Ecology,
                Soil Science and Hydrology, with a minimum of 3 credits from each of these three
                groups.
III. List by semester all course work completed and planned for the M.S. degree. All M.S. programs must have a minimum of 12 credits of 600+-level courses\(^1\) and a minimum total of 30 credits of 400+-level courses beyond the B.S. degree (of which, no more than 6 credits of 799 can be included among the 30).

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course No.</th>
<th>Title</th>
<th>Credit</th>
<th>Grade</th>
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</table>

Approved: ________________________________ Advisor

______________________________ Member, Advisory Committee

______________________________ “ ”

______________________________ “ ”

______________________________ “ ”

Date __________________________

\(^1\) Research credits (ENST799) do not count toward the 12 credits of 600+ level courses.
RESEARCH PLAN/PROPOSAL COVER PAGE
Environmental Science and Technology

Candidate: ____________________________________________  Student Number: ______________________

Check Current Program: _____ M.S.  _____ Ph.D.

 _____ Soil & Watershed Sciences
 _____ Ecological Technology Design
 _____ Wetland Science

Title: ________________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

Indicate whether or not the project involves any of the following:

__ Yes  __ No  Human subjects
__ Yes  __ No  Animal subjects
__ Yes  __ No  Radioactive materials
__ Yes  __ No  Genetically engineered organisms
__ Yes  __ No  Biological materials
__ Yes  __ No  Select Agent Toxins
__ Yes  __ No  Scientific diving
__ Yes  __ No  Boats Used in Research
__ Yes  __ No  Chemicals

(Any Yes responses may require completion of University forms or training.)

Approval: The advisory committee has reviewed the attached research proposal and feels it is appropriate and sufficient for the degree program.

1. _____________________________________  4. _________________________________
   (Advisor)

2. _____________________________________  5. _________________________________

3. _____________________________________  6. _________________________________
Candidate: ___________________________  Advisor: ___________________________

A. Thesis Title ______________________________________________________________

___________________________________________________________________________

B. Research (Exit) Seminar Date _______________________________________________

C. Final Oral Examination (defense) Approval: Date ______________________________

1. _________________________________ (Committee Chair)

2. _________________________________

3. _________________________________

4. _________________________________ (optional)