WATERSHED MANAGEMENT AND ECOHYDROLOGY (WSMEH)
GRADUATE DEGREE REQUIREMENTS

Application Deadlines for Full Consideration of Funding Resources:
15 August for Spring Semester and 15 January for Fall Semester

MINIMUM ADMISSION REQUIREMENTS:
☐ A Bachelor’s degree
☐ Minimum grade point average (GPA) of 3.0 on a 4.0 scale
☐ Minimum score of 550 on the paper-based, 213 on the computer-based, or 79 on the internet-based
Test of English as a Foreign Language (TOEFL) for all applicants whose native language is not English

SUGGESTED PREPARATORY COURSEWORK (based on WSMEH undergraduate degree requirements):
☐ 2 semesters of each biology, chemistry, and physics
☐ 2 semesters of calculus
☐ 1 semester of statistics

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>M.S. (Thesis)</th>
<th>Ph.D (Dissertation)</th>
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<tbody>
<tr>
<td>Minimum Coursework Units</td>
<td>25 units</td>
<td>36 units in the major</td>
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<td></td>
<td>(15 units must receive regular grades)</td>
<td>≥ 9 units in the minor</td>
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<td>(23 units must receive regular grades)</td>
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<tr>
<td>Thesis/Dissertation Units</td>
<td>5</td>
<td>18</td>
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<tr>
<td>Minor</td>
<td>No minor required</td>
<td>Must be outside SNRE. Specific requirements are set by minor.</td>
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<td><strong>MINIMUM TOTAL UNITS</strong></td>
<td><strong>30</strong></td>
<td><strong>63</strong></td>
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<tr>
<td>Comprehensive Committee</td>
<td>NA</td>
<td>4 Member Minimum (at least 3 tenure-track or equivalent with one in minor)</td>
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<td>Final Committee</td>
<td>3 Member Minimum (at least 2 tenure-track or equivalent)</td>
<td>3 Member Minimum (at least 3 tenure-track or equivalent)</td>
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☐ Ph.D. students must have a QUALIFYING MEETING with the WSMEH Program Chair, their major advisor, and another committee member during their 1st semester to review potential transfer coursework and a draft plan of study.

☐ A PLAN OF STUDY must be completed in the 2nd semester for M.S. Students and in the 3rd semester for Ph.D. Students.
  o *RNR 900 does not qualify toward the 25 units of required coursework for M.S. Students or the 45 units of required coursework for Ph.D. Students*
  o *Students can gain credit for lab meetings, but this must be ungraded and registered for as RNR 900*

☐ M.S. and Ph.D. students must include a minimum of 6 units from the following set of courses in their PLAN OF STUDY:
  o WS M 502 Air and Water: Physics of Environmental Fluids (3 units)
  o WS M 539A Introduction to Dendrochronology (4 units)
  o WS M 552 Dryland Ecohydrology and Vegetation Dynamics (4 units)
  o WS M 560A Watershed Hydrology (4 units)
  o WS M 562 Watershed Management (3 units)
  o WS M 568 Wildland Water Quality (3 units)
  o RNR 527 Earth’s Changing Carbon Cycle (3 units)
  o RNR 538 Fire Ecology (3 units)
  o RNR 548 Conservation Planning & Wildland Recreation (3 units)
  o RNR 555 Biosphere-Atmosphere Interactions (3 units)

Revised 04-24-2015
○ RNR 558 Ecosystem Ecology and a Sustainable Future (3 units)
○ RNR 575 Economic Evaluation of Water and Environmental Policy (3 units)

☐ M.S. and Ph.D. students must register for one seminar course per academic year. Courses numbered 595/695 or 596/696 count towards this requirement. These seminar courses do not need to be associated with an SNRE housed prefix.

☐ A RESEARCH PROPOSAL must be approved by their committee in the 2nd semester for M.S. Students in the Thesis Option and in the 4th semester for Ph.D. Students.

☐ Ph.D. Students must complete the oral and written portions of their COMPREHENSIVE EXAM in the 5th – 6th semester.

Revised 04-24-2015