# Checklist for Water Resources Science Degree

To be signed by WRS representatives of student's committee and submitted with the student's program of study. Students must complete these to receive a WRS degree.

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Degree (circle one)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MS</td>
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<tr>
<td></td>
<td>PhD</td>
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## Baccalaureate Requirements

- One year, Calculus
  - Equiv: MTH 251, 252, (253 or 254)
- One year, Physics
- One year, Chemistry
- One year, upper division in Science

## Program Requirements

### Water Resources Core Courses

- WRX 507/607: Water Resources Seminar
  - MS: 2 Credits total
  - PhD: 3 Credits total
- WRX 505 Water Resources Journal Club
  - Journal club must be taken in the same term as one of the seminars
- WRP 524: Socio-technical Aspects of Water Resources
- BEE 512: Physical Hydrology

### Additional Water Science Courses/Credits (approved by committee)

- MS: to reach a total ≥45 credits
- PhD: to reach a total ≥108 credits
- AIH-required water coursework¹ (37 credits)

### Thesis or Research

- MS Thesis or Research (6 - 12) || PhD Dissertation (36-45)

### Exit Requirements (may be met in part from previous institution, incl. undergraduate)

- Professional Preparation Course (GEO 518)
- AIH-required water coursework² (37 credits)

### Total credits

- MS: ≥45 credits || PhD: ≥108 credits

Signed: Student  
Date:

Signed: Major Advisor  
Date:

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¹ **AIH educational criteria:** 15 cr. in Category I of the defined as courses in which 90% of the material is hydrology, hydrogeology, or water quality; 13 cr. in Category II of the AIH educational criteria, defined as courses in which 10% of the material is hydrology, hydrogeology, or water quality; and, 9 cr. in Category III of the AIH educational criteria, generally other science, water, engineering, or natural resources policy coursework.