

## Checklist for Water Resources Engineering Degree

To be signed by student's advisor and submitted to Associate Director of WRE when the student files the program of study. Students must complete these to receive a WRE degree.

Student Name	Degree (circle one)	
	MS	PhD
<b>Baccalaureate Requirements</b>		
One year, Calculus Equiv: MTH 251, 252, (253 or 254)		
Applied Differential Equations Equiv: Math 256		
One year, Physics		
One year, Chemistry		
One year, upper division in Science		
<b>Program Requirements</b>		
<b>Water Resources Core Courses</b>		
WRX 507/607: Water Resources Seminar MS: 2 Credits total PhD: 3 Credits total		
WRX 505/605 Water Resources Journal Club Journal club must be taken in the <b>same term</b> as one of the seminars		
WRP 524: Socio-technical Aspects of Water Resources		
BEE 512: Physical Hydrology		
BEE 529 BioSystems Modeling or Equivalent Hydraulics or Watershed Processes, various		
Additional Water Science Courses/Credits (approved by committee) MS: 6 credits PhD: 9 credits		
AIH-required water coursework <sup>1</sup> (37 credits)		
<b>Thesis or Research</b>		
MS Thesis or Research (6 - 12) PhD Dissertation (36-45)		
<b>Total credits</b>		
MS: ≥45 credits PhD: ≥108 credits		
Signed: Student	Date:	
Signed: Major Advisor	Date:	

<sup>1</sup> **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.