

## Accelerated Master's Degree Plan of Study

Freshwater Sciences, BS: Water Policy track and  
 Freshwater Sciences and Technology, MS: Professional Science; Water Policy,  
 Economics and Management track

Year 1		
Semester 1 - Fall		Credits
<a href="#">FRSHWTR 120</a>	Preparing for a Career in Freshwater Sciences	1
<a href="#">CHEM 102</a>	General Chemistry	5
<a href="#">MATH 115</a>	Precalculus	4
Social Science & Cultural Diversity GER		3
Humanities GER		3
<b>Credits</b>		<b>16</b>
Semester 2 - Spring		
<a href="#">FRSHWTR 101</a>	Elements of Water	3
<a href="#">BIO SCI 150</a>	Foundations of Biological Sciences I (NS+)	4
<a href="#">CHEM 104</a>	General Chemistry and Qualitative Analysis	5
<a href="#">MATH 231</a>	Calculus and Analytic Geometry I	4
<b>Credits</b>		<b>16</b>
Year 2		
Semester 3 - Fall		
<a href="#">FRSHWTR 202</a>	Life in Water	4

<a href="#">ECON 103</a>	Principles of Microeconomics (SS)	3
<a href="#">BIO SCI 152</a>	Foundations of Biological Sciences II (NS+)	4
1st semester World Language		4
<b>Credits</b>		<b>15</b>
<b>Semester 4 - Spring</b>		
<a href="#">FRSHWTR 201</a>	The Water Environment	3
<a href="#">ENGLISH 102</a>	College Writing and Research (OWC-A)	3
<a href="#">MTHSTAT 215</a>	Elementary Statistical Analysis (QLB)	3
Humanities GER		3
2nd semester World Language		4
<b>Credits</b>		<b>16</b>
<b>Year 3</b>		
<b>Semester 5 - Fall</b>		
<a href="#">COMPSCI 202</a>	Introductory Programming Using Python	3
<a href="#">FRSHWTR 361</a>	Intro to Environmental Data Systems	3
<a href="#">FRSHWTR 393</a>	Water Law, Policy, and the Environment	3
<a href="#">GEOG 215</a>	Introduction to Geographic Information Science	3
GER OWC-B		3
<b>Credits</b>		<b>15</b>
<b>Semester 6 - Spring</b>		
<a href="#">FRSHWTR 392</a>	Water-Energy-Food-Climate	3
<a href="#">FRSHWTR 391</a>	Water and Natural Resource Economics	3

<a href="#">FRSHWTR 464</a>	Chemical Hydrogeology	4
<a href="#">FRSHWTR 662</a>	Thesis Research Planning & Proposal Development	1
Arts GER		3
	<b>Credits</b>	<b>14</b>
<b>Year 4</b>		
<b>Semester 7 – Fall – LAST TERM as UNDERGRAD</b>		
<a href="#">FRSHWTR 663</a>	Undergraduate Research & Thesis	3
<a href="#">FRSHWTR 810</a>	Professional Development for Water Leaders <sup>1</sup>	3
<a href="#">FRSHWTR 510G</a>	Economics, Policy, and Management of Water <sup>1</sup>	3
Water Policy BS elective		3
	<b>Credits</b>	<b>12</b>
<b>Semester 8 – Spring – BEGIN GRAD CAREER</b>		
<a href="#">FRSHWTR 890</a>	Science Communication <sup>2</sup>	3
<a href="#">FRSHWTR 506G</a>	Environmental Health of Freshwater Ecosystems <sup>2</sup>	3
MS Elective <sup>2</sup>		3
	<b>Credits</b>	<b>9</b>
<b>Year 5</b>		
<b>Semester 9 - Fall</b>		
<a href="#">FRSHWTR 585G</a>	Applied Water Statistics and Data Manipulation <sup>2</sup>	3
<a href="#">FRSHWTR 781</a>	Water Law for Scientists and Policy Makers	3
MS Elective <sup>2</sup>		3
	<b>Credits</b>	<b>9</b>

<b>Semester 10 - Spring</b>		
MS Elective		<b>3</b>
MS Elective		<b>3</b>
<a href="#"><u>FRSHWTR 980</u></a>	Graduate Internship	<b>1</b>
<a href="#"><u>FRSHWTR 900</u></a>	Colloquium in Freshwater Sciences	<b>1</b>
<b>Credits</b>		<b>8</b>
<b>Total Credits</b>		

1 Count forward to graduate career

2 Count backward to undergraduate career