

# WATER SCIENCE & MANAGEMENT

## 2020/2021 Four-Year Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

<b>YEAR 1 • FALL</b>	<b>PLSC 102 (F) or FOR/REM 221</b> The Science of Plants in Agriculture or Principles of Ecology (BIOL 114)	3	<b>YEAR 1 • SPRING</b>	<b>ELECTIVE</b> General Education	3
	<b>ELECTIVE</b> General Education	3		<b>ENGL 102</b> College Writing & Rhetoric (Test Scores/ENGL 101)	3
	<b>COMM 101</b> Public Speaking	2		<b>GEOL 111/111L</b> Physical Geology for Science Majors	4
	<b>MATH 143 and 144</b> Pre-Calculus and Trigonometry (Test Scores/MATH 108)	4		<b>CHEM 111</b> Principles of Chemistry I (Test Scores/CHEM 101/MATH 143)	4
	<b>ENGL 101</b> Introduction to College Writing (Test Scores, ENGL 109)	3			
	<b>TOTAL CREDITS</b>	<b>15</b>		<b>TOTAL CREDITS</b>	<b>14</b>
<b>YEAR 2 • FALL</b>	<b>CHEM 112/112L</b> Principles of Chemistry II (CHEM 111)	5	<b>YEAR 2 • SPRING</b>	<b>PHYS 112/112L</b> General Physics II (PHYS 111)	4
	<b>MATH 170</b> Analytic Geometry & Calculus I (Test Scores/MATH 143)	4		<b>MATH 175</b> Analytic Geometry & Calculus II (MATH 170)	4
	<b>PHYS 111/111L</b> General Physics I (MATH 143)	4		<b>STAT 251</b> Statistical Methods (MATH 108, 143, 160 or 170)	4
	<b>BIOL 115/115L</b> Cells & Evolution of Life (CHEM 101 or 111)	4		<b>SOIL 205/206</b> The Soil Ecosystem (CHEM 111)	3
				<b>ELECTIVE</b> General Education	3
	<b>TOTAL CREDITS</b>	<b>17</b>		<b>TOTAL CREDITS</b>	<b>18</b>
<b>YEAR 3 • FALL</b>	<b>ASM 315 (F, Odd Years)</b> Irrigation Systems & Water Management (SOIL 205, MATH CORE)	3	<b>YEAR 3 • SPRING</b>	<b>GEOG 385</b> GIS Primer	3
	<b>SOIL 415 (F, Odd Years)</b> Soil & Environmental Physics	3		<b>SOIL 438 (S)</b> Pesticides in the Environment	3
	<b>GEOL 309 (F)</b> Ground Water Hydrology (GEOL 111, MATH 143)	3		<b>ELECTIVE</b> General Education	3
	<b>ENGL 313 or 317</b> Business or Technical Writing (ENGL 102; Sophomore or Junior)	3		<b>SOIL 422 (S, Even Years)</b> Environmental Soil Chemistry	3
	<b>ELECTIVE</b> General Education	3		<b>AGED 406 (S) or SOC 350</b> Exploring International Agriculture or Food, Culture & Society (Junior/Senior, SOIL 205)	3
	<b>TOTAL CREDITS</b>	<b>15</b>		<b>TOTAL CREDITS</b>	<b>15</b>
<b>YEAR 4 • FALL</b>	<b>BE 452</b> Environmental Water Quality (CHEM 112, SOIL 205, BE 355)	3	<b>YEAR 4 • SPRING</b>	<b>HYDR 409 or 412</b> Varies	3
	<b>ASM 305 (F)</b> GPS & Precision Agriculture	3		<b>FOR 326 or 462</b> Varies	3
	<b>ELECTIVE</b> General Education	3		<b>SOIL 446 (S)</b> Soil Fertility	3
	<b>ELECTIVE</b> General Education	3		<b>GEOG 475, 424, or FOR 472</b> Varies	3
	<b>BE 450</b> Environmental Hydrology (MATH170)	3		<b>ELECTIVE</b> General Education	3
	<b>TOTAL CREDITS</b>	<b>15</b>		<b>TOTAL CREDITS</b>	<b>15</b>

COURSE # Course Name (Prerequisites, Co-Requisites)

F = FALL, S = SPRING



**University of Idaho**  
College of Agricultural  
and Life Sciences

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