

## Water Treatment and Public Health and Water, Climate, Energy, and Global Issues

Created using 2018 checksheet guidelines

Updated October 11, 2017

### FIRST YEAR

#### FALL SEMESTER

Class Number	Class Name	Hours	Requirement
MATH 1025	Elementary Calculus	3	CLE Area 5
CHEM 1035	General Chemistry	3	CLE Area 4
CHEM 1045	General Chemistry Lab	1	CLE Area 4
ENGL 1105	First Year Writing	3	CLE Area 1
Free Elective	Free Elective	3	Free Elective
CLE Area 6	CLE Area 6	1	CLE Area 6

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### FIRST YEAR

#### SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
MATH 1026	Elementary Calculus	3	CLE Area 5
BIOL 1106	Principles of Biology	3	CLE Area 4
BIOL 1116	Principles of Biology Lab	1	CLE Area 4
ENGL 1106	First Year Writing	3	CLE Area 1
CLE Area 2	CLE Area 2	3	CLE Area 2
CLE Area 7	CLE Area 7	3	CLE Area 7

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### SECOND YEAR

#### FALL SEMESTER

Class Number	Class Name	Hours	Requirement
GEOG/NR 2004	Intro to Water Resources and Environmental Issues	3	Core
AAEC 1005	Economics of the Food and Fiber System	3	CLE Area 3 *
PHYS 2205	General Physics	3	Core
PHYS 2215	General Physics Lab	1	Core
GEOG 2084	Principles of Geographic Information Systems	3	Core
Restricted Elective	Restricted Elective	3	Restricted Elective

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### SECOND YEAR

#### SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
AAEC 1006	Economics of the Food and Fiber System	3	CLE Area 3
CSES 3134	Soils in the Landscape	3	Restricted Elective *
FOR 2124	Forest, Society, and Climate	3	Specialization (Water, Climate, Energy, and Global Issues)
CLE Area 2	CLE Area 2	3	CLE Area 2
PHYS 2206	General Physics	3	Restricted Elective **

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### THIRD YEAR

#### FALL SEMESTER

Class Number	Class Name	Hours	Requirement
ENSC 3604	Fundamentals of Environmental Science	3	Core
ENGL 3764	Technical Writing	3	Core
UAP 3354	Intro to Environmental Policy and Planning	3	Core
CEE 3104	Intro to Environmental Engineering	3	Specialization (Water Treatment and Public Health) *
FOR 4374	Forested Wetlands	3	Specialization (Water Treatment and Public Health)

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### THIRD YEAR

#### SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
FOR 3104	Principles of Watershed Hydrology	3	Core
AAEC 3314	Environmental Law	3	Core
AAEC 3324	Environmental and Sustainable Development Economics	3	Core
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free Elective

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### FOURTH YEAR

#### FALL SEMESTER

Class Number	Class Name	Hours	Requirement
CEE 4264	Sustainable Land Development	3	Specialization (Water, Climate, Energy, and Global Issues)
UAP 4384	Pollution Control Planning and Policy	3	Specialization Elective (Water, Climate, etc.)
CEE 4174	Solid and Hazardous Waste Management	3	Specialization (Water Treatment and Public Health)
FOR 4354	Forest Soil and Watershed Management	3	Specialization Elective (Water Treatment etc.)
Restricted Elective	Restricted Elective	3	Restricted Elective

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### FOURTH YEAR

#### SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
ALS/NR 4614	Watershed Assessment, Management, and Policy	2	Core
ENSC 4314	Water Quality	3	Core
CEE 4134	Engineering Solutions for Environmental Sustainability	3	Specialization (Water, Climate, Energy, and Global Issues)
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free Elective

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120 hours

\* Classes noted with \* are prerequisites as follows:

AAEC 1005 is a prerequisite for AAEC 3324

CSES 3134 is a prerequisite for FOR 4354 and FOR 4374

CEE 3104 is a prerequisite for CEE 4134 and 4174

\*\* 6 credits of physics are a requirement for federal entry-level hydrology jobs.