

Water Treatment and Public Health and International Water Management

Created using 2018 checksheet guidelines

Updated October 11, 2017

FIRST YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
ENGL 1105	First Year Writing	3	CLE Area 1
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
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
ENGL 1106	First Year Writing	3	CLE Area 1
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
CLE Area 2	CLE Area 2	3	CLE Area 2
Free Elective	Free Elective	3	Free Elective

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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
PHYS 2206	General Physics	3	Restricted Elective ***
FOR 2124	Forest, Society and Climate	3	Specialization Elective (International Water Mgmt.)
CLE Area 2	CLE Area 2	3	CLE Area 2
CLE Area 7	CLE Area 7	3	CLE Area 7

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THIRD YEAR

FALL SEMESTER

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

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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
CSES 3134	Soils in the Landscape	3	Restricted Elective *
Restricted Elective	Restricted Elective	3	Restricted Elective

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FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
FOR 4374	Forested Wetlands	3	Specialization (Water Treatment and Public Health)
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)
FOR/SBIO 2784	Global Forest Sustainability	3	Specialization (International Water Mgmt.) Substitution**
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
IS 4014	Seminar in Grassroots Development	3	Specialization (International Water Management)
BSE 4394	Water Supply and Sanitation in Developing Countries	3	Specialization (International Water Management)
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

CEE 3104 is a prerequisite for BSE 4394

CSES 3134 is a prerequisite for FOR 4354 and FOR 4374

** FOR/SBIO 2784 is a substitute for UAP/GEOG/SOC 4764, which has not been offered in the past few years

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