

Water Treatment and Public Health and Water Planning, Policy, and Economics

Created using 2019 checksheet guidelines

Updated March 15, 2018

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
Restricted Elective	Restricted Elective	3	Restricted 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
Free Elective	Free Elective	3	Free 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
FREC 2124	Forest, Society, and Climate	3	Water Policy Specialization (Other)
PHYS 2206	General Physics	3	Restricted Elective **
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	Water Science Specialization (Water Treatment & Public Health) *
Restricted Elective	Restricted Elective	3	Restricted Elective

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THIRD YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
FREC 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
Restricted Elective	Restricted Elective	3	Restricted Elective

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FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
CEE 4174	Solid & Hazardous Waste Management	3	Water Science Specialization (Water Treatment and Public Health)
FREC/AAEC 4464	Water Resources Policy & Economics	3	Water Policy Specialization (Water Planning, Policy, & Economics)
UAP 4184	Community Involvement	3	Water Policy Specialization (Water Planning, Policy, & Economics)
UAP 4374	Land Use & Environment: Planning & Policy	3	Water Policy Specialization (Water Planning, Policy, & Economics)
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/CSES 4314	Water Quality	3	Core
CEE 4114	Fundamentals of Public Health Engineering	3	Water Science Specialization (Water Treatment and Public Health)
FIW 4614	Fish Ecology	3	Water Science Specialization (Other)
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 FREC/AAEC 4464

CEE 3104 is a prerequisite for CEE 4114 and CEE 4174

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