

Water Quality and Water, Climate, Energy, and Global Issues

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
CLE Area 2	CLE Area 2	3	CLE Area 2
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
Restricted Elective	Restricted Elective	3	Restricted 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 (Water, Climate, Energy, and Global Issues)
PHYS 2206	General Physics	3	Restricted Elective **
CLE Area 7	CLE Area 7	3	CLE Area 7
Free Elective	Free Elective	3	Free Elective

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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 Quality) *
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
CSES/ENSC 3134	Soils in the Landscape	3	Restricted Elective *
UAP/GEOG/WGS 4214	Gender, Environment, and International Development	3	Water Policy Specialization (Water, Climate, Energy, and Global Issues)

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FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
FREC 4374	Forested Wetlands	3	Water Science Specialization (Water Quality)
FREC 4354	Forest Soil and Watershed Management	3	Water Science Specialization (Other)
FREC /AAEC 4464	Water Resources Policy & Economics	3	Water Policy Specialization (Other)
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free 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
BSE 4394	Water Supply & Sanitation in Developing Countries	3	Water Science Specialization (Water Quality)
FREC 3604	Climate Science	3	Water Policy Specialization (Water, Climate, Energy, and Global Issues)
Restricted Elective	Restricted Elective	3	Restricted 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 BSE 4394

CSES/ENSC 3134 is a prerequisite for FREC 4354 and FREC 4374

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