

Aquatic Ecosystems 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
BIOL 1105	Principles of Biology	3	Restricted Elective *
BIOL 1115	Principles of Biology Lab	1	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
AAEC 1005	Economics of the Food and Fiber System	3	CLE Area 3
GEOG/NR 2004	Intro to Water Resources and Environmental Issues	3	Core
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
BIOL 2804	Ecology	3	Restricted Elective *
FREC 2124	Forest, Society & Climate	3	Water Policy Specialization (Water, Climate, Energy, and Global Issues)
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 (Other)
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
UAP/GEOG/WGS 4214	Gender, Environment, and International Development	3	Water Policy Specialization (Water, Climate, Energy, and Global Issues)
Free Elective	Free Elective	3	Free Elective

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FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
BIOL 4004	Freshwater Ecology	4	Water Science Specialization (Aquatic Ecosystems)
UAP 4184	Community Involvement	3	Water Policy Specialization (Other)
Restricted Elective	Restricted Elective	3	Restricted Elective
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
BIOL/ENT 4354	Aquatic Entomology	4	Water Science Specialization (Aquatic Ecosystems)
FIW 4614	Fish Ecology	3	Water Science Specialization (Aquatic Ecosystems)
FREC 3604	Climate Science	3	Water Policy Specialization (Water, Climate, Energy, and Global Issues)

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123 Hours

* Classes noted with * are prerequisites as follows:

BIOL 1105 and 1115 are prerequisites for BIOL 2804 and BIOL/ENT 4354

BIOL 2804 is a prerequisite for BIOL 4004