

Aquatic Ecosystems 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
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
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
CLE Area 2	CLE Area 2	3	CLE Area 2

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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 2704	Evolutionary Biology	3	Restricted Elective *
BIOL 2804	Ecology	3	Restricted Elective *
FREC 2124	Forest, Society, and Climate	3	Water Policy Specialization (Other)
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
UAP 4374	Land Use & Environment: Planning & Policy	3	Water Policy Specialization (Water Planning, Policy, and Economics)
Free Elective	Free Elective	3	Free 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
FIW 4614	Fish Ecology	3	Water Science Specialization (Aquatic Ecosystems)
AAEC 3324	Environment and Sustainable Development Economics	3	Water Policy Specialization (Water Planning, Policy, and Economics)
Restricted Elective	Restricted Elective	3	Restricted Elective

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FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
FREC 3754	Watersheds and Water Quality Monitoring	3	Core
FREC/AAEC 4464	Water Resources Policy & Economics	3	Core
BIOL 4004	Freshwater Ecology	4	Water Science Specialization (Aquatic Ecosystems)
UAP 4184	Community Involvement	3	Water Policy Specialization (Water Planning, Policy, and Economics)
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
BIOL/ENT 4354	Aquatic Entomology	4	Water Science Specialization (Aquatic Ecosystems)
BIOL 4114	Global Change Ecology	3	Water Science Specialization (Other)
Restricted Elective	Restricted Elective	3	Restricted Elective
Restricted Elective	Restricted Elective	3	Restricted Elective

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123 Hours

* Classes noted with * are prerequisites as follows:

BIOL 1105 is a prerequisite for BIOL 2707, BIOL 2804, and BIOL/ENT 4354

BIOL 1115 is a prerequisite for BIOL/ENT 4354

AAEC 1005 is a prerequisite for FREC/AAEC 4464 and AAEC 3324

BIOL 2707 is a prerequisite for BIOL 4114

BIOL 2804 is a prerequisite for BIOL 4004 and 4114

ENSC 3604 is a prerequisite for FREC 3754