

Aquatic Ecosystems and Water Planning, Policy, and Economics

Created using 2021 checksheet guidelines

Updated March 18, 2021

FIRST YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
GEOG/NR/WATR 2004	Water, Environment, and Society	3	Core
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

17

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

16

SECOND YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
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	Major
Restricted Elective	Restricted Elective	3	Restricted Elective
CLE Area 7	CLE Area 7	3	CLE Area 7

16

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	Forests, Society, & Climate	3	Water Policy Specialization (Other)
BIOL 2804	Ecology	3	Restricted Elective *
CLE Area 2	CLE Area 2	3	CLE Area 2
Free Elective	Free Elective	3	Free Elective

15

Aquatic Ecosystems and Water Planning, Policy, and Economics

Created using 2021 checksheet guidelines

Updated March 18, 2021

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 3534	Literature and Ecology	3	Major
UAP 4374	Land Use & the Environment: Planning & Policy	3	Water Policy Specialization (Water Planning, Policy, and Economics)
AAEC 3604	Agricultural Law	3	Water Policy Specialization (Water Planning, Policy, and Economics)

15

THIRD YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
FREC/WATR 3104	Principles of Watershed Hydrology	3	Core
AAEC 3314	Environmental Law	3	Major
CSES/ENSC 3134	Soils in the Landscape	3	Restricted Elective *
AAEC 3324	Environmental and Sustainable Development Economics	3	Water Policy Specialization (Water Planning, Policy, and Economics)
Free Elective	Free Elective	3	Free Elective

15

FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
FREC/WATR 3754	Watersheds and Water Quality Monitoring	3	Core
FREC/AAEC/WATR 4464	Water Resources Policy & Economics	3	Core
BIOL 4004	Freshwater Ecology	4	Water Science Specialization (Aquatic Ecosystems)
FREC 4374	Forested Wetlands	3	Water Science Specialization (Aquatic Ecosystems)
FREC 4354	Forest Soil and Watershed Management	3	Water Science Specialization (Other)

16

FOURTH YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
ALS/NR/WATR 4614	Watershed Assessment, Management, and Policy	2	Core
FIW 4614	Fish Ecology	3	Water Science Specialization (Aquatic Ecosystems)
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free Elective
CLE Area 6	CLE Area 6	1	CLE Area 6

12

122 Hours

* Classes noted with * are prerequisites as follows:

BIOL 1105 is a prerequisite for BIOL 2804

AAEC 1005 is a prerequisite for FREC 4464 and AAEC 3324

BIOL 2804 is a prerequisite for BIOL 4004

ENSC 3604 is a prerequisite for FREC/WATR 3754

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