

Aquatic Ecosystems and Watershed Management

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

15

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
Restricted Elective	Restricted Elective	3	Restricted Elective
GEOG 1104	Intro to Physical Geography	3	Restricted Elective *

16

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

16

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 *
CSES/ENSC 3134	Soils in the Landscape	3	Restricted Elective *
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free Elective

15

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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 and Environment: Planning & Policy	3	Water Policy Specialization (Watershed Management)
FREC 4374	Forested Wetlands	3	Water Policy Specialization (Watershed Management)

15

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	Environment and Sustainable Development Economics	3	Water Policy Specialization (Other)
CLE Area 7	CLE Area 7	3	CLE Area 7
Free Elective	Free Elective	3	Free Elective

15

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 and Economics	3	Core
CEE 4264	Sustainable Land Development	3	Water Policy Specialization (Watershed Management)
Free Elective	Free Elective	3	Free Elective
CLE Area 2	CLE Area 2	3	CLE Area 2

15

FOURTH YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
ALS/NR 4614	Watershed Assessment, Management, and Policy	2	Core
FIW 4614	Fish Ecology	3	Water Science Specialization (Aquatic Ecosystems)
BIOL 4004	Freshwater Ecology	4	Water Science Specialization (Aquatic Ecosystems)
BIOL/ENT 4354	Aquatic Entomology	4	Water Science Specialization (Aquatic Ecosystems)
CSES/GEOG/GEOS 3304	Geomorphology	3	Water Science Specialization (Other)

16

123

* Classes noted with * are prerequisites as follows:

GEOG 1104 is a prerequisite for CSES/GEOG/GEOS 3304

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

BIOL 1005 is a prerequisite for BIOL 2604 and BIOL 2804

BIOL 2804 is a prerequisite for BIOL 4004

CSES 3134 is a prerequisite for FREC 4374

ENSC 3604 is a prerequisite for FREC 3754