

Aquatic Ecosystems and Watershed Management

Created using 2018 checksheet guidelines

Updated October 11, 2017

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
MATH 1026	Elementary Calculus	3	CLE Area 5
ENGL 1106	First Year Writing	3	CLE Area 1
BIOL 1106	Principles of Biology	3	CLE Area 4
BIOL 1116	Principles of Biology Lab	1	CLE Area 4
GEOG 1104	Introduction to Physical Geography	3	Restricted Elective *
CHEM 1036	General Chemistry	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
PHYS 2205	General Physics	3	Core
PHYS 2215	General Physics Lab	1	Core
GEOG 2084	Principles of Geographic Information Systems	3	Core
AAEC 1005	Economics of the Food and Fiber System	3	CLE Area 3 *
BIOL 1005	General Biology	3	Free *

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SECOND YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
BIOL 2804	Ecology	3	Restricted Elective *
BIOL 2604	General Microbiology	3	Restricted Elective *
AAEC 1006	Economics of the Food and Fiber System	3	CLE Area 3
CSES 3134	Soils in the Landscape	3	Restricted Elective *
CLE Area 7	CLE Area 7	3	CLE Area 7

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THIRD YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
ENGL 3764	Technical Writing	3	Core
ENSC 3604	Fundamentals of Environmental Science	3	Core
UAP 3354	Intro to Environmental Policy and Planning	3	Core
FOR 4374	Forested Wetlands	3	Specialization (Watershed Management)
UAP 4374	Land Use and Environment: Policy and Planning	3	Specialization (Watershed Management)

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THIRD YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
FOR 3104	Principles of Watershed Hydrology	3	Core
AAEC 3324	Environmental and Sustainable Development Economics	3	Core
AAEC 3314	Environmental Law	3	Core
ENSC 4314	Water Quality	3	Core
PSCI/UAP 3344	Global Environmental Issues: Interdisciplinary Perspectives	3	Specialization Elective (Watershed Management)

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FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
BIOL/CEE/CSES/ENSC 4164	Environmental Microbiology	3	Specialization (Aq. Ecosystems)
CEE 4264	Sustainable Land Development	3	Specialization (Watershed Management)
BIOL 4004	Freshwater Ecology	4	Specialization (Aq. Ecosystems)
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
FIW 4614	Fish Ecology	3	Specialization (Aq. Ecosystems)
CSES 3304	Geomorphology	3	Specialization Elective (Aq. Ecosystems)
CLE 2	CLE 2	3	CLE 2
Free Elective	Free Elective	3	Free Elective

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121 Hours

* Classes noted with * are prerequisites as follows:

AAEC 1005 is a prerequisite for AAEC 3324

CHEM 1036 is a prerequisite for BIOL 2604

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

BIOL 1005 is a prerequisite for BIOL 2604 and BIOL 2804

BIOL 2604 is a prerequisite for BIOL/CEE/CSES/ENSC 4164

BIOL 2804 is a prerequisite for BIOL 4004

CSES 3134 is a prerequisite for FOR 4374