

Water Quality and Water, Climate, Energy, and Global Issues

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 1225	Calculus of a Single Variable	4	CLE Area 5 *
CHEM 1035	General Chemistry	3	CLE Area 4
CHEM 1045	General Chemistry Lab	1	CLE Area 4
CLE Area 7	CLE Area 7	3	CLE Area 7
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
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
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
CSES/GEOG/ GEOS 3304	Geomorphology	3	Specialization Elective (Water Quality)
FOR 2124	Forest, Society, and Climate	3	Specialization (Water, Climate, etc.)
CSES 3134	Soils in the Landscape	3	Restricted Elective *
PHYS 2206	General Physics	3	Restricted Elective **

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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 (Water Quality)
CLE Area 2	CLE Area 2	3	CLE Area 2

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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
GEOG 3104	Environmental Problems and Population Development	3	Specialization (Water, Climate, etc.)
Free Elective	Free Elective	3	Free Elective

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FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
GEOS 4634	Environmental Geochemistry	3	Specialization (Water Quality)
FOR 4354	Forest Soil and Watershed Management	3	Specialization (Water Quality)
FOR 4464	Water Resources Policy and Economics	3	Specialization Elective (Water, Climate, etc.)
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 4314	Water Quality	3	Core
PSCI/UAP 3344	Global Environmental Issues: Interdisciplinary Perspectives	3	Specialization (Water, Climate, etc.)
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free Elective

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121 Hours

* Classes noted with * are prerequisites as follows:

MATH 1225 is a prerequisite for GEOS 4634 (MATH 1226 is not)

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

CHEM 1036 is a prerequisite for GEOS 4634

AAEC 1005 is a prerequisite for AAEC 3324 and FOR 4464

CSES 3134 is a prerequisite for FOR 4354 and FOR 4374

** 6 credits of physics are a requirement for federal entry-level hydrology jobs.