

## Water Quality 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 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
Restricted Elective	Restricted Elective	3	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
CHEM 1036	General Chemistry	3	Restricted Elective *
CLE Area 2	CLE Area 2	3	CLE Area 2

16

### 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 *
CLE Area 2	CLE Area 2	3	CLE Area 2

16

### SECOND YEAR

#### SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
FOR 2124	Forest, Society, and Climate	3	Specialization Elective (Watershed Management)
CSES 3134	Soils in the Landscape	3	Restricted Elective *
AAEC 1006	Economics of the Food and Fiber System	3	CLE Area 3
CLE Area 7	CLE Area 7	3	CLE Area 7
PHYS 2206	General Physics	3	Restricted Elective **

15

## Water Quality and Watershed Management

Created using 2018 checksheet guidelines

Updated October 11, 2017

### 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)
Free Elective	Free Elective	3	Free Elective

15

### 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
CEE 3104	Introduction to Environmental Engineering	3	Specialization (Water Quality)
Restricted Elective	Restricted Elective	3	Restricted Elective

15

### FOURTH YEAR

#### FALL SEMESTER

Class Number	Class Name	Hours	Requirement
CEE 4264	Sustainable Land Development	3	Specialization (Watershed Management)
UAP 4374	Land Use and Environment: Planning and Policy	3	Specialization (Watershed Management)
FOR 4353	Forest Soil and Watershed Management	3	Specialization (Water Quality)
GEOS 4634	Environmental Geochemistry	3	Specialization (Water Quality)
Free Elective	Free Elective	3	Free Elective

15

### 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
FIW 4614	Fish Ecology	3	Specialization Elective (Water Quality)
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free Elective

14

121 Hours

\* Classes noted with \* are prerequisites as follows:

MATH 1225 is a prerequisite for GEOS 4634

AAEC 1005 is a prerequisite for AAEC 3324

CHEM 1036 is a prerequisite for GEOS 4634

CSES 3134 is a prerequisite for FOR 4354 and FOR 4374

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