

Water Treatment and Public Health and Water, Climate, Energy, and Global Issues

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 |
| CLE Area 7 | CLE Area 7 | 3 | CLE Area 7 |
| CLE Area 6 | CLE Area 6 | 1 | CLE Area 6 |

14

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 |
| Restricted Elective | Restricted Elective | 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 |
| Free Elective | Free Elective | 3 | Free Elective |

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 | Forest, Society, and Climate | 3 | Water Policy Specialization (Water, Climate, Energy, and Global Issues) |
| PHYS 2206 | General Physics | 3 | Restricted Elective ** |
| CLE Area 2 | CLE Area 2 | 3 | CLE Area 2 |
| Restricted Elective | Restricted Elective | 3 | Restricted Elective |

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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 |
| CEE 3104 | Introduction to Environmental Education | 3 | Water Science Specialization (Water Treatment & Public Health) * |
| Free Elective | Free Elective | 3 | Free Elective |

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 | Environmental and Sustainable Development Economics | 3 | Core |
| UAP/GEOG/WGS 4214 | Gender, Environment, and International Development | 3 | Water Policy Specialization (Water, Climate, Energy, and Global Issues) |
| Restricted Elective | Restricted Elective | 3 | Restricted Elective |

15

FOURTH YEAR

FALL SEMESTER

| Class Number | Class Name | Hours | Requirement |
|---------------------|------------------------------------|-------|--|
| CEE 4174 | Solid & Hazardous Waste Management | 3 | Water Science Specialization (Water Treatment and Public Health) |
| FREC/AAEC 4464 | Water Resources Policy & Economics | 3 | Water Policy Specialization (Other) |
| Restricted Elective | Restricted Elective | 3 | Restricted Elective |
| Restricted Elective | Restricted Elective | 3 | Restricted Elective |
| 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/CSSES 4314 | Water Quality | 3 | Core |
| FREC 3604 | Climate Science | 3 | Water Policy Specialization (Water, Climate, Energy, and Global Issues) |
| CEE 4114 | Fundamentals of Public Health Engineering | 3 | Water Science Specialization (Water Treatment and Public Health) |
| FIW 4614 | Fish Ecology | 3 | Water Science Specialization (Other) |

14

120 hours

* Classes noted with * are prerequisites as follows:

AAEC 1005 is a prerequisite for FREC/AAEC 4464

CEE 3104 is a prerequisite for CEE 4114 and CEE 4174

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