

College of Natural Resources and Environment
Department of Forest Resources and Environmental Conservation
Minor: Blue Planet

For students graduating in calendar year 2023 and for student date of entry under UG Catalog 2021-2022

20 Total Credit Hours Required for Minor

REQUIRED FOUNDATIONAL COURSE

_____ GEOG/WATR 2004 Water, Environment, and Society (3 credits; Pathways Outcome 3)

SPECIALIZATION OPTIONS:

Choose **one** specialization (Water and Society **or** Science of Water) (12 credits)

Water and Society Specialization

_____ AAEC 1005 Economics of the Food and Fiber System (3 credits; Pathways Outcome 3)

_____ FREC/WATR/AAEC 4464 Water Resources Policy & Economics* (3 credits; Pathways Outcome 3 and 7)

_____ Choose 3 credits from the following list:

FREC/LAR/NR 2554 Leadership for Global Sustainability (3 credits; Pathways Outcome 2 or 3)

HIST 3144 American Environmental History (3 credits; Pathways Outcome 2 or 3)

_____ Choose 3 credits from the following list:

ENSC 1015 Foundations of Environmental Science (3 credits; Pathways Outcome 4)

ENSC 1016 Foundations of Environmental Science (3 credits; Pathways Outcome 4)

FREC 2004 Forest Ecosystems (3 credits; Pathways Outcome 4)

FREC 2114 Ecology of Appalachian Forests (3 credits; Pathways Outcome 4)

GEOS 1024 Earth Resources, Society, and the Environment (3 credits; Pathways Outcome 4)

LAR 1254 Environment and Natural Systems (3 credits; Pathways Outcome 4 or 5f)

or

Science of Water Specialization:

_____ FREC/WATR 3104 Principles of Watershed Hydrology* (3 credits)

_____ MATH 1025 Elementary Calculus (3 credits; Pathways Outcome 5f)

_____ MATH 1026 Elementary Calculus (3 credits; Pathways Outcome 5f)

_____ Choose 3 credits from the following list:

ENSC 1015 Foundations of Environmental Science (3 credits; Pathways Outcome 4)

ENSC 1016 Foundations of Environmental Science (3 credits; Pathways Outcome 4)

FREC 2004 Forest Ecosystems (3 credits; Pathways Outcome 4)

FREC 2114 Ecology of Appalachian Forests (3 credits; Pathways Outcome 4)

GEOS 1024 Earth Resources, Society, and the Environment (3 credits; Pathways Outcome 4)

LAR 1254 Environment and Natural Systems (3 credits; Pathways Outcome 4 or 5f)

REQUIRED RESTRICTED ELECTIVE

_____ Choose 3 credits from the following list:

AAEC 3314 Environmental Law (3 credits)

ENGL 3534 Literature and the Environment* (3 credits; Pathways Outcome 1a or 2)

FIW 2114 Principles of Fish and Wildlife Conservation (3 credits; Pathways Outcome 4)

FREC 3044 Environmental Informatics* (3 credits; Pathways Outcome 5a)

FREC 3604 Climate Science* (3 credits)
 FREC 4354 Forest Soil and Watershed Management* (3 credits; Pathways Outcome 5a)
 GEOG 2114 Introduction to Coastal Regions (3 credits)
 GEOG 3104 Environmental Problems, Population, and Development (3 credits; Pathways Outcome 3)
 GEOG/GEOS 4134 Interdisciplinary Issues and Ethics in Water Resources* (3 credits)
 GEOG/NR 1115 Seeking Sustainability (3 credits; Pathways Outcome 3)
 GEOS 3034 Oceanography* (3 credits)
 UAP 4374 Land Use and Environment: Planning and Policy* (3 credits)

REQUIRED CAPSTONE COURSE

_____ ALS/WATR 4614 Watershed Assessment, Management, and Policy* (2 credits)

_____ A minimum of 6 hours of 3000/4000 level courses are required for the minor

Notes:

1. Courses marked with * may have prerequisites, corequisites, or other restrictions. Please consult the University Course Catalog, or check with your advisor.
2. All courses for the Blue Planet minor must be taken A/F and be completed with a minimum in-minor GPA of 2.0. Any course taken to fulfill the Blue Planet minor will count towards the minor GPA.
3. No more than 50% of the graded course credits required for the Blue Planet minor may be double-counted by a student in the Water: Resources, Policy, and Management major.

Key to Pathways Learning Core Outcomes:

1f = Foundational Discourse

1a = Advanced/Applied Discourse

2 = Critical Thinking in the Humanities

3 = Reasoning in the Social Sciences

4 = Reasoning in the Natural Sciences

5f = Foundational Quantitative and Computational Thinking

5a = Advanced/Applied Quantitative and Computational Thinking

6 = Critique and Practice in Design and the Arts

7 = Critical Analysis of Equity and Identity in the United States