Advising Guide
Major: Water: Resources, Policy, and Management (WRPM)
Entering: 2022

Pathways to
General Education

Date: _____   Student initials: _____

Academic advisor: _____   ID number: _____

Water: Resources, Policy, and Management Advising Guide

This guide is for students with a 2022-2023 academic year date of entry. This is a sample plan and does not need to be followed exactly. The courses you take will depend on any credits you have (e.g. AP/IB/DE or transfer), course availability, and your preferences. Click here for additional course planning resources. Click here for the checksheet.

Example Plan 1

First Year - Fall 2022

Course	Credits	✓
Pathways 1 Foundational Course (Select from University Approved List)	3	
WATR 2004 Water, Environment, and Society (Major Requirement)	3	
MATH 1025 Elementary Calculus (Pathways 5F Requirement)[1]	3	
AAEC 1005 Econ. of Food & Fiber (Pathways 3 Requirement)[2]	3	
Pathways Concept 2 Course (Select from University Approved List)[3]	3	
Total credits	15	

First Year - Spring 2023

Course	Credits	✓
Pathways 1 Foundational Course (Select from University Approved List)	3	
BIOL 1106 Principles of Biology (Pathways 4 Requirement)	3	
BIOL 1116 Principles of Biology Lab (Major Requirement)	1	
MATH 1026 Elementary Calculus (Pathways 5F Requirement)[4]	3	
AAEC 1006 Econ. of Food & Fiber (Pathways 3)[2]	3	
Pathways Concept 2 Course (Select from University Approved List)[3]	3	
Total credits	16	

Sophomore Year - Fall 2023

Course	Credits	✓
CHEM 1035 General Chemistry (Pathways 4 Requirement)	3	
CHEM 1045 General Chemistry Lab (Major Requirement)	1	
GEOG 2084 Principles of GIS (Option for Major Requirement)[5]	3	
Choose course from major requirements (Suggested: Policy)[5]	3	
Choose course from major requirements (Suggested: Restricted Elective)[5]	3	
Pathways Concept 6 Course (Select from University Approved List)	3	
Total credits	16	

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[1] Students can choose MATH 1025 (3 credits) **or** MATH 1225 (4 credits)
[2] Students can choose AAEC 1005/1006 Economics of the Food & Fiber **or** ECON 2005/2006 Principles of Economics
[3] FREC 2554 or HIST 3144 are recommended Pathways 2 Courses for WRPM students
[4] Students can choose MATH 1026 (3 credits) **or** MATH 1226 (4 credits)
[5] Students can choose from approved list on the checksheet

Example Plan 2

This example plan is for students who wish to complete chemistry during their first year.

First Year - Fall 2022

Course	Credits	✓
Pathways 1 Foundational Course (Select from University Approved List)	3	
CHEM 1035 General Chemistry (Pathways 4 Requirement)	3	
CHEM 1045 General Chemistry Lab (Major Requirement)	1	
MATH 1025 Elementary Calculus (Pathways 5F Requirement)[6]	3	
AAEC 1005 Econ. of Food & Fiber (Pathways 3 Requirement)[7]	3	
WATR 2004 Water, Environment, and Society (Major Requirement)	3	
Total credits	16	

First Year - Spring 2023

Course	Credits	✓
Pathways 1 Foundational Course (Select from University Approved List)	3	
BIOL 1106 Principles of Biology (Pathways 4 Requirement)	3	
BIOL 1116 Principles of Biology Lab (Major Requirement)	1	
MATH 1026 Elementary Calculus (Pathways 5F Requirement)[8]	3	
AAEC 1006 Econ. of Food & Fiber (Pathways 3)[8]	3	
Pathways Concept 2 Course (Select from University Approved List)[9]	3	
Total credits	16	

Sophomore Year - Fall 2023

Course	Credits	✓
Pathways Concept 2 Course (Select from University Approved List)[9]	3	
PHYS 2205 General Physics (Major Requirement)	3	
PHYS 2215 General Physics Lab (Major Requirement)	1	
GEOG 2084 Principles of GIS (Option for Major Requirement)[10]	3	
Choose course from major requirements (Suggested: Policy)[10]	3	
Choose course from major requirements (Suggested: Restricted Elective)[10]	3	
Total credits	16	

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[6] Students can choose MATH 1025 (3 credits) **or** MATH 1225 (4 credits)
[7] Students can choose AAEC 1005/1006 Economics of the Food & Fiber **or** ECON 2005/2006 Principles of Economics
[8] Students can choose MATH 1026 (3 credits) **or** MATH 1226 (4 credits)
[9] FREC 2554 or HIST 3144 are recommended Pathways 2 Courses for WRPM students
[10] Students can choose from approved list on the checksheet

Pathways Concept 1: Discourse – 9 credits required

6 Credit Hours of Approved Foundational
☐ Choose Concept 1 Course (3 credits)
☐ Choose Concept 1 Course (3 credits)

3 Credit Hours of Advanced/Applied
☐ ENGL 3764 Technical Writing (3 credits)
or ENGL 3534 Literature & the Environment (3 credits)

Pathways Concept 2: Critical Thinking in the Humanities – 6 credits required

☐ Choose University Approved Pathways Concept 2 Course (3 credits)
☐ Choose University Approved Pathways Concept 2 Course (3 credits)
Suggested: FREC 2554 Leading Global Sustainability or HIST 3144 American Environmental History

Pathways Concept 3: Reasoning in the Social Sciences – 6 credits required

☐ AAEC 1005 Economics of Food & Fiber Systems **or** ECON 2005 Principles of Economics (3 credits)
☐ AAEC 1006 Economics of Food & Fiber Systems **or** ECON 2006 Principles of Economics (3 credits)

Pathways Concept 4: Reasoning in the Natural Sciences – 6 credits required

☐ BIOL 1106 Principles of Biology (3 credits)
☐ CHEM 1035 General Chemistry (3 credits)

Pathways Concept 5: Quantitative and Computational Thinking – 9 credits required

6 Credit Hours of Approved Foundational
☐ MATH 1025 Elementary Calculus (3 credits) **or** MATH 1225 Calculus of a Single Variable (4 credits)
☐ MATH 1026 Elementary Calculus (3 credits) **or** MATH 1226 Calculus of a Single Variable (4 credits)

3 Credit Hours of Approved Advanced/Applied
☐ Choose University Approved Pathways Concept 5A Course (3 credits)[11]
Suggested: FREC 4354 Forest Soil and Watershed Management

Pathways Concept 6: Critique and Practice in Design and the Arts – 6 credits required

6 Credit Hours from Approved Pathways Courses: 3 Design and 3 Art Credits **or** 6 Integrated Credits
☐ Choose University Approved Pathways Concept 6D DESIGN Course (3 credits)
☐ Choose University Approved Pathways Concept 6A ARTS Course (3 credits)
Suggested: FREC 4554 Creating the Ecological City

Pathways Concept 7: Critical Analysis of Identity and Equity in the United States – 3 credits required

☐ Choose University Approved Pathways Concept 7 Course (3 credits)[12]

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[11] Students should consult their advisor before selecting an advanced Concept 5 course in their first three semesters.
[12] A course taken to satisfy another area of Pathways that is also listed within Area 7 will satisfy the Area 7 requirement simultaneously.