

## UNOFFICIAL BACCALAUREATE CHECKSHEET ENVIRONMENTAL SCIENCE

HYBRID LEARNING

### Student Name

Total Transfer Credits Checksheet Date

### **GRADUATES WILL BE ABLE TO:**

- + Draw on an understanding of matter cycles and energy flow to address environmental challenges.
- + Assess ecosystem structure, function, resilience, and provision of ecosystem services to society.
- + Analyze environmental data from field and laboratory settings and communicate findings to diverse audiences.
- + Identify and describe how human activity contributes to environmental unsustainability by disrupting naturally occurring cycles.
- + Identify, describe, and evaluate initiatives to improve environmental sustainability.

### **Overview of Degree Requirements 120 Credits Total**

To earn the Bachelor of Science in Environmental Science degree, you must complete:

General Education Core: 40 credits

Major Core: 40 credits

Electives: 40 credits

You must complete a minimum of 30 credits of coursework at the 300 level or above.

#### **General Education Core - 40 Credits Completed Online**

BIOL 105 Biological Diversity, Ecology, and Evolution
BIOL 106 Biological Diversity, Ecology, and Evolution Lab (1 cr)
<b>COMM 100</b> Communication Skills for Online Learners (2 cr)
<b>COMM 101</b> Writing for Environmental Professionals
<b>COMM 201</b> Multimedia Communication for Environmental Professionals
<b>ENVJ 303</b> American Government: Foundations in Environmental Law
<b>ENVS 201</b> The Warming Planet: Understanding Global Climate Change
CHEM 101 Chemistry I
<b>EVPC 100</b> Ecoliteracy (1c)
<b>EVPC 201</b> Environmental Issues: Deforestation, Biodiversity Loss, and Overpopulation OR <b>EVPC 202</b> Environmental Issues: Energy, Water Scarcity, and Waste
MATH 201 Statistics for Environmental Professionals
<b>PSYC 101</b> Introduction to Psychology
COMPLETE ONE COURSE (3 CR) FROM EACH OF THE FOLLOWING CURRICULUM AREAS:
ARTS Arts
HUMN, SPAN Humanities
COMPLETED AT PROFESSIONAL PLACEMENT SITE:
IS 390 Internship
*Continued on the next page.



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#### **Environmental Science Core - 40 Credits**

COMPLETE ONE COURSE FROM EACH ROW IN THE TABLE BELOW. EACH REQUIREMENT HAS AN ONLINE OPTION AND AN IN-PERSON OPTION.

In-Person Option	Online Option
CH 102 General Chemistry 1 Laboratory (1 cr)	CHEM 102 Chemistry 1 Laboratory (1 cr)
CH 201 Environmental Chemistry	<b>ESCI 305</b> Environmental Remediation & Toxicology
<b>PS 201</b> Environmental Geology	<b>ESCI 101</b> Geology and Our Environment
BI 206 Ecology	BIOL 203 Ecological Principles: Applications to Conservation & Wildlife
BI 310 Organismal Biology: Theme	<b>MBAQ 307</b> Ichthyology & Fish Health
BI 305 Conservation Biology OR WF 310 Habitat Assessment and Management	BIOL 305 Conservation Biology OR WCON 403 Habitat Management for Wildlife & Fisheries
IS 305 Wetland Ecology OR BI 401 Ecosystem Ecology	ESCI 303 Hydrology, Wetlands, and Water Policy OR BIOL 201 Organisms that Sustain the Earth: Understanding Plants
<b>ES 105</b> Understand Place through GIS	GISC 101 Introduction to Geospatial Technologies
IS 395 Undergraduate Research Seminar	<b>ENVS 303</b> Social Science for Environmental Professionals
MA 301 Data Science and Programming	MATH 215 Calculus
<b>AN 301</b> Environmental Anthropology	<b>WCON 301</b> Human Dimensions of Wildlife Conservation
ES 302 Environmental Advocacy	EVPC 401 Transformational Leadership
SU 301 Ecological Economics	<b>ECON 303</b> Macroeconomics for a Sustainable Plane
SU 490 Environmental Capstone	<b>EVPC 490</b> Transdisciplinary Capstone

#### **General Electives**

40 credits of general electives

## **College Wide Requirements**

A minimum of 120 earned credit hours, 30 credits at the 300 level or above, a minimum of 30 credits earned at Unity, and an overall cumulative GPA of 2.0 or above

Program requirements subject to change before the student's first term.