

UNOFFICIAL BACCALAUREATE CHECKSHEET WILDLIFE & FISHERIES BIOLOGY

HYBRID LEARNING

Student Name

HL-01.15.2024

Total Transfer Credits Checksheet Date

GRADUATES WILL BE ABLE TO:

- + Identify species, and where appropriate, sex, age class, and natural sign of common fish, wildlife, and plants, with emphasis on species of the Northeast region.
- + Draw on knowledge of research and policy to make sound scientifically based recommendations for future management and conservation practices.
- + Use appropriate tools and techniques to conduct common fish and wildlife research and management fieldwork.
- + Perform basic habitat and population assessments using standard analytical techniques.
- + Develop testable hypotheses based on scientific questions, use the primary literature to write proposals, design field- and/or lab-based experiments, conduct basic quantitative analyses, and write scientific reports.

Overview of Degree Requirements 120 Credits Total

To earn the Bachelor of Science in Wildlife & Fisheries Biology 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)
COMM 100 Communication Skills for Online Learners (2 cr)
COMM 101 Writing for Environmental Professionals
COMM 201 Multimedia Communication for Environmental Professionals
ENVJ 303 American Government: Foundations in Environmental Law
ENVS 201 The Warming Planet: Understanding Global Climate Change
CHEM 101 Chemistry I
EVPC 100 Ecoliteracy (1c)
 EVPC 201 Environmental Issues: Deforestation, Biodiversity Loss, and Overpopulation OR EVPC 202 Environmental Issues: Energy, Water Scarcity, and Waste
MATH 201 Statistics for Environmental Professionals
PSYC 101 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.

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



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Wildlife and Fisheries Biology 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
BI 206 Ecology	BIOL 203 Ecological Principles: Applications to Conservation & Wildlife
BI 205 Canopy to Ground Cover	BIOL 201 Wildlife Plant Identification: Wildlands & Wildlife Habitat
BI 305 Conservation Biology	BIOL 305 Conservation Biology
BI 310 Organismal Biology: Theme	MBAQ 307 Ichthyology & Fish Health
CH 102 General Chemistry 1 Laboratory (1 cr)	CHEM 102 Chemistry 1 Laboratory (1 cr)
ES 105 Understanding Place Through GIS	GISC 101 Introduction to Geospatial Technologies
MA 301 Data Science & Programming	MATH 215 Calculus
SU 301 Ecological Economics	ECON 303 Macroeconomics for a Sustainable Planet
WF 105 Introduction to Wildlife and Fisheries Biology	WCON 301 Human Dimensions of Wildlife Conservation
WF 204 North American Wildlife	WCON 303 Life History & Identification of Birds and Mammals
WF 310 Habitat Assessment and Management	WCON 403 Habitat Management for Wildlife and Fisheries
WF 311 Population Assessment and Management	WCON 405 Population Management for Wildlife and Fisheries
WF 320 Wildlife and Fisheries Techniques	WCON 305 Wildlife Conservation Genetics
WF 490 Wildlife and Fisheries Biology Capstone	EVPC 490 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

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