UNITY

HYBRID LEARNING

UNOFFICIAL BACCALAUREATE CHECKSHEET
NATURAL RESOURCE CONSERVATION & MANAGEMENT

Student Name

Total Transfer Credits Checksheet Date

NATURAL RESOURCE CONSERVATION & MANAGEMENT PROGRAM

The Natural Resource Conservation and Management program prepares students for careers as environmental consultants and natural resource program managers. Land development – for residential, commercial, agricultural, or recreational purposes – requires evaluation and assessment of important habitats, sensitive features, and ecosystem services. To prepare to fill these roles, our students practice skills such as plant identification, soils evaluation, wetland delineation and functional assessment, and restoration planning in the context of current scientific knowledge and environmental regulations. Our graduates also contribute to the sustainable use of Natural Resource as directors of land trusts, park managers, and community partners.

GRADUATES WILL BE ABLE TO:

+ Collect, analyze, and interpret field data for upland and wetland ecosystems.
+ Characterize the structure and function of ecosystems and evaluate their contribution to ecosystem services.
+ Develop recommendations for ecosystem management, remediation, and restoration in accord with environmental regulations.
+ Effectively communicate scientific and technical knowledge in a professional manner.

Overview of Degree Requirements 120 Credits Total

To earn the Bachelor of Science in Natural Resource Conservation & Management 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.

UNITY

HYBRID LEARNING

UNOFFICIAL BACCALAUREATE CHECKSHEET
NATURAL RESOURCE CONSERVATION & MANAGEMENT

Natural Resource Conservation and Management 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)
☐ **ES 105** Understanding Place Through GIS	☐ **GISC 101** Introduction to Geospatial Technologies
☐ **BI 206** Ecology	☐ **BIOL 203** Ecological Principles: Applications to Conservation
☐ **BI 205** Canopy to Ground Cover	☐ **BIOL 201** Organisms that Sustain the Earth: Understanding Plants
☐ **NR 303** Soil Science	☐ **ESCI 301** Soil Analysis
☐ **CH 201** Environmental Chemistry	☐ **CHEM 103** Chemistry II
☐ **SU 305** Natural Resource and Environmental Law	☐ **ENCJ 305** Natural Resource Law and Policy
☐ **WF 310** Habitat Assessment and Management	☐ **WCON 403** Habitat Management for Wildlife and Fisheries
☐ **NR 305** Surface and Groundwater Hydrology	☐ **ESCI 303** Hydrology, Wetlands, and Water Policy
☐ **MA 301** Data Science and Programming	☐ **MATH 401** Statistics for Wildlife Professionals
☐ **IS 395** Undergraduate Research Seminar	☐ **EVPC 490** Transdisciplinary Capstone
☐ **NR 307** Wetlands I	☐ **SUFA 301** Production Systems: Permaculture, Greenhouses, Irrigation, and Ecological Design
☐ **NR 407** Wetlands II	☐ **ESCI 305** Environmental Remediation and Toxicology
☐ **BI 401** Ecosystem Ecology	☐ **BIOL 305** Conservation Biology

General Electives

☐ 40 credits of general electives

University 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