NRD 220. Practicum In Natural Resources. 3-4 Credit.
The practicum experience allows students practice in a field specific to their interest and based upon strengths of the curriculum. The
practicum, developed and defined in cooperation with faculty, department chair, the student, and the practicum supervisor, requires a
10-15 hours per week commitment above and beyond other required coursework. The practicum experience will be monitored with
regular progress updates and then detailed and summarized by the student at the conclusion. Possible practicum experiences may
include, but are not limited to, working within one of the agricultural, environmental, nonprofit, or regional planning agencies, private
industries, cities/towns, or educational institutions in the surrounding region. Prerequisites: Completion of at least 4 of the following
courses: BIO 102, BIO 104, BIO 116, BIO 120, BIO 122, BIO 130, BIO 140, BIO 141, BIO 145, BIO 220, CHE 120, EAS 125,
EAS 126, EGM 104.

NRD 232. Global Environmental Issues (Capstone Course). 3 Credits.
This is a capstone course typically taken in the last semester before graduating after most or all of the NRD major courses have been
successfully completed. This course is a study of environmental issues from both global and local perspectives. In this course students
will research the major environmental issues, taking into account the ecological principles, cultural impact, economic factors, and
political controversies that shape each problem. Students will compare the environmental impact of these issues in Massachusetts
and in a variety of countries, cultures, and ecosystems. As a capstone course, students will be expected to demonstrate mastery and
integration of previous NRD major coursework, both in written assignments and class discussions. Prerequisites: Completion of at
least 4 of the following courses: BIO 102, BIO 104, BIO 116, BIO 120, BIO 122, BIO 130, BIO 140, BIO 141, BIO 145, BIO 220,
CHE 120, EAS 125, EAS 126, EGM 104, or permission of division dean. Spring.

NRC 107. Arboriculture I. 4 Credits.
This is the first of a two course sequence required for the Arboriculture Certificate Program within the Natural Resources Degree.
This course is only open to students enrolled in the Arboriculture Certificate Program. This introductory course will cover basic theory
and training in skills necessary to work in the tree service industry. It will include tree identification, chain saw operation and safety,
chipper operation and safety, climbing, tree risk management, pruning, and notching/felling. 3 hours lecture, 2 hours discussion/lab.
Prerequisites: ENG 098, FYE 101, MAT 092, RDG 098 or placement. Fall.

NRC 207. Arboriculture II. 4 Credits.
This is the second of a two course sequence required for the Arboriculture Certificate Program within the Natural Resources Degree.
This course will cover advanced theory and training in skills necessary to work in the tree service industry. It will include urban
forestry, tree identification and protection, tree risk management, installation and selection, diagnosis and treatment, team working,
roping and rigging, pruning, and notching/felling. 3 hours lecture, 2 hours discussion/lab. Prerequisites: NRC 107, ENG 098,
FYE 101, MAT 092, RDG 098 or placement. Spring.