

ENVIRONMENTAL AND NATURAL RESOURCES CONSERVATION (A.A.S.)

The environmental and natural resources conservation program provides students with the scientific theory and applied skills necessary for a technical career or continued education in the environmental and natural resources sector. Students are exposed to a variety of fields of study including Adirondack history and culture, wildlife concepts and techniques, water and soil description and monitoring, environmental interpretive techniques, silvicultural concepts, and natural resources planning and management. Student receive a solid grounding in applied ecological and sociopolitical concepts, accompanied by technical training in plant and tree identification, land navigation, natural resources measurements, geospatial applications, first aid, and hand and power tool use and maintenance.

Students interested in a baccalaureate degree may wish to investigate programs in the Environmental Biology, Environmental Studies or the Sustainable Resources Management departments. Transfer is possible upon completion of the A.A.S. degree at Wanakena. Students should consult with an advisor in the Undergraduate Admissions office as soon as possible.

The freshman year environmental and natural resources conservation curriculum consists of general studies courses which may be taken at any accredited four-year, community, or technical college.

First Year Required Courses

Course	Codes*	Credits
General Biology with lab	G	4
Science Course with lab (Biology, Chemistry, or Physics)	G	4
English with a Focus on Writing (Two 3-credit courses)	G	6
Trigonometry or pre-calculus (1 course)	G	3
Diversity, Equity, Inclusion & Social Justice	G	3
Total Maximum Transfer Credits		20

Second Year Required Courses

FTC 200	Dendrology	3
FTC 202	Intro To Surveying	3

FTC 204	Intro/Nat Res Measurements	4
FTC 206	Forest Ecology	4
FTC 207	Communications and Safety	3
FTC 208	Remote Sensing and GIS	3
FTC 210	Wildlife Techniques 1	1
FTC 211	Silviculture	3
FTC 212	Adirondack Cultural Ecology	1
FTC 219	Intro to Forest Recreation	1
FTC 221	Natural Resources Management	3
FTC 234	Wildlife Conservation	3
FTC 236	Env Interp Principles&Technque	3
FTC 237	Intro/Water & Soil Resources	4
FTC 238	Forest Insects and Disease	3
FTC 239	GIS Practicum	1
FTC 240	Wildlife Techniques 2	1

Total Minimum Credits for Degree: 64

