

MASTER'S DEGREE IN ENVIRONMENTAL SCIENCE

Area of Concentration In:

BIOLOGICAL CONSERVATION

Requirements: the student must take at least three (3) hours from each of the four subgroups listed below. In addition, the student must have seven (7) to nine (9) hours of electives from these subgroups and/or additional special topic seminars or workshops approved by the Specialty Coordinator.

1. Ecology

Population and Community Ecology (BOT/MBI/ZOO 671; fall)	4
Ecosystem and Global Ecology (BOT/MBI/ZOO 672; spring)	4
Minimum Sub-Total	4

2. Taxonomy/Biogeography/Field Studies

Advanced Botany Field Trip (BOT 570; summer)	1+
Tropical Ecosystems of Costa Rica (GLG 599; summer)	5
Coastal Ecology of the Bahamas (GLG 599.B; summer)	5
Advanced Plant Taxonomy (BOT 621; alternate springs)	4
Biodiversity of Kenya (BOT/GEO 596; summer)	5
Ecological Foundations of Vegetation–North America (BOT/GEO 532 summer 2000; fall 2001)	3
Evolution and Biosystematics (ZOO 522)	3
Field Methods in Plant Population Ecology (BOT 536; infrequent)	1
Field Methods in Population Ecology (BOT/ZOO 537; fall)	1
General Entomology (ZOO 501)	4
Herpetology (ZOO 509; alternate spring)	4
Ichthyology (ZOO 507; spring)	4
Limnology (ZOO 563; fall 2001)	4
Mammalogy (ZOO 510; infrequent)	4
Ornithology (ZOO 508)	4
Parasitology (ZOO 505; spring)	4
Socio-Ecology of Primates (ZOO/ATH 597; spring odd # years)	3
Plant Geography (BOT/GEO 531; spring)	3
Minimum Sub-Total	3

3. Socio-Cultural Perspectives on the Environment

Ecological Anthropology (ATH 571) or Anthropology of National Parks and Protected Areas (ATH 371; spring)	3
Advocacy in Contemporary America (COM 632, fall every other year, 2000)	3
American Environmental History (HST 610, fall)	3
Environmental Philosophy (PHL 376)	4
Modern African Environmental History (HST 595; practically never taught)	3

Women, Gender, and the Environment (GEO 536; fall or spring)	3
Applied Anthropology (ATH 511)	3
Minimum Sub-Total	3

4. Environmental Policy, Organization and Management

Conservation of Natural Resources (GEO 610, independent study under instructor of GEO 271)	3
Environmental Economics (ECO 534; spring)	3
Environmental Law (IES 550, fall)	3
Environmental Politics (POL 650.F; questionable, professor retiring)	4
Minimum Sub-Total	3
Electives Sub-Total	7-9
Total	19-21

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