

NHFS curriculum - Certificate requires a minimum of 39 credits

Basic courses (3 required)

Course Title	Course Code	Units	Preferred Term
Biology for Naturalists	NATH7110E	3 CEU	
Geology	NATH7175E	3 CEU	Wi
The Living Soil	NATH7185E	3 CEU	Sp, Fa
Weather and Climate	NATH7140E	3 CEU	Fa
Introduction to Botany	NATH7125E	3 CEU	Sp
Introduction to Ecology	NATH7170E	3 CEU	Fa

Identification courses (3, 1 plant + 1 animal required)

Course Title	Course Code	Units	Term
Fall Woody Plant ID	NATH7245E	3 CEU	Fa
Insect Life	NATH7130E	3 CEU	Su
Introduction to Ornithology	NATH7118E	3 CEU	Sp
Mammals	NATH8290E	3 CEU	Fa
Reptiles and Amphibians	NATH8276E	3 CEU	Sp
Spring Flower ID	NATH7135E	3 CEU	Sp
Winter Woody Plant ID	NATH7146E	3 CEU	Wi
Introduction to Fungi	NATH7203E	3 CEU	Fa
Introduction to Grass ID	NATH8225E	1.5 CEU	Su
Summer Wildflower ID	NATH7149E	1.5 CEU	Su

Ecosystems (3 required)

Course Title	Course Code	Units	Term
Eastern Forest Ecosystems	NATH8215E	3 CEU	Fa
Chesapeake Bay Ecosystems	NATH8216E	3 CEU	Fa
Stream Ecology	NATH8127E	3 CEU	Sp
Wetland Ecosystems	NATH8211E	3 CEU	Su
Wildlife Ecology	NATH8265E	3 CEU	Fa

Conservation (2 required)

Course Title	Course Code	Units	Term
Human Ecology	NATH8280E	3 CEU	Wi
Land-Use Principles	NATH8255E	3 CEU	Fa, Wi
U.S. Conservation History	NATH8252E	3 CEU	Wi

Electives

Course Title	Course Code	Units	Term
Chemistry for Naturalists	NATH7129E	3 CEU	Fa
Biodiversity <i>and evolution</i> (?)	NATH7301E	1.5 CEU	Sp
Rocks and Fossils	NATH7153E	1.5 CEU	Wi
Night Sky for Naturalists	NATH8100E	1.5 CEU	Fa
Introduction to Astronomy	NATH8125E	1.5 CEU	Su
Botany for Naturalists	NATH7125E	1.5 CEU	Sp
Ferns and Lycophytes	NATH7148E	1.5 CEU	Su
Non-Native Invasive Plants of the Mid-Atlantic	NATH8319E	1.5 CEU	Su
Bird Life	NATH7115E	3 CEU	Fa
Birds of Prey	NATH7155E	1.5 CEU	Fa
Owls	NATH7165E	1.5 CEU	Fa
Summer Bird Life	NATH7116E	1.5 CEU	Su
Winter Bird Life	NATH7163E	1.5 CEU	Wi
Butterflies of Early Summer	NATH8270E	1.5 CEU	Su
Butterflies of Spring	NATH8277E	1.5 CEU	Sp
Butterflies of Late Summer	NATH8271E	1.5 CEU	Su