

**NH Community Tree Steward & Earth Team
Natural Resource Volunteers
Course Schedule**

The Course begins in September 2008 and will continue through November 2008

Class 1 -

Program Introduction	Program Coordinators	Welcome, ice breakers and introductions.
NH's Landscape, Ecosystems, & Wildlife, Ch. 2 & 3	Eric Orff, NH Fish & Game Darrel Covell, UNHCE	NH landscape overview - ecosystems, watersheds and changing land use; intro to biodiversity of natural communities, wildlife species and habitats.

Class 2 -

Listening Skills/Working Together	NRCS	Team building: The importance of <u>really</u> listening.
NH Soils and Erosion Control Ch. 12	Steve Hundley, NRCS Kim McCracken, NRCS	Soil origin, types, and composition and its connection to ecosystems; Soil erosion - its cause and control; Backyard Conservation Program; worm tunnel.

Class 3 -

Sustainable Living Ch. 5	Mary Tebo, UNHCE	A practical view of sustainability and how choices made affect natural resources.
Water Resources, Part 1, Ch. 7	Judy Tumosa, NH Fish & Game	Water basics Part 1 – hydrologic cycle, surface water, and wetland identification.

Volunteer Appreciation Day

Bearbrook State Park Allenstown, NH	Natural Resource Professionals from various agencies	Bring the family and join in outdoor activities such as orienteering, canoeing, and forest walks. Lunch included.
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Class 4 -

Natural & Altered Forest Communities Ch. 2 & 3	Matt Tarr, UNHCE	Introduction to NH's forest communities; the plants and animals associated with them and the forces that shape them.
	J.B. Cullen, Forests and Lands	How do urban forest ecosystems compare with their rural counterparts? History of urban forestry and the importance of an ecosystem-based approach.

Class 5 -

Tree Biology, Ch. 8	Kevin Smith, USFS	Understanding how trees, function, grow, and compartmentalize wounds, provides the foundation for proper care and management.
Tree Pruning and Maintenance, Ch. 8	Margaret Hagen, UNHCE	Hands-on pruning of ornamental, shade trees & shrubs; discussion of fertilizers, mulch, and tree care.

Class 6 -

Water Resources (Part 2), Ch. 7	Mary Tebo, UNHCE Bambi Miller, SCCD	Water basics Part 2 – ground water, land use practices and their impacts.
Tree Identification, Ch. 9	AJ Dupere, Forests and Lands	Tree id in the field from bark to buds.

Class 7 –		
Forest Management and Map Use	Karen Bennett, UNHCE	Why forests are managed, mapping tools and forest management practices. Local area to be visited.
Sustainable Landscape Planning Ch. 5 & 10	Lauren Chase Rowel, Outdoor Rooms	Basics of sustainable landscaping for community settings. Incorporating natural features of site; low maintenance plantings; selecting native vs. non-natives; promoting bio-diversity; & planting for wildlife.
Friday Field Session		
Reading the Forested Landscape in Bear Brook State Park	Dave Anderson, SPHFF Karen Bennett, UNHCE	Learn to identify clues that tell the history of the land and visit a managed forest; Interpretive techniques will also be demonstrated.
Class 8 –		
Working with the Media Ch. 13	Don Black, UNHCE	Tips & techniques for working with the media & how to get program recognition; Also, Don will discuss the Backyard Tree Farm Program.
Opportunities for Change	Program Coordinators	Characteristics of successful & sustainable projects, examples of past projects, ideas for the future.
Land Conservation and Protection Ch. 4	Frank Mitchell, UNHCE	Land conservation and protection tools, strategies, and techniques and how volunteers can help.
Class 9 –		
Working with Local Governments for Natural Resource Management, Ch. 6	J.B. Cullen, Forests and Lands	How state & local governments impact natural resources; who is responsible for them; and what can citizens do.
Planting Native Trees and Shrubs, Ch. 11	AJ Dupere, Forests and Lands Tim Fleury, UNHCE	Get your hands dirty and learn the best way to select and plant trees and shrubs.
Community Work Session	AJ Dupere, Forests and Lands Mary Tebo, UNHCE	Put your new skills to work in community project.
Friday Field Session		
Threatened and Endangered Plant and Animal Communities	Lionel Chute, Natural Heritage Bureau; NH Fish & Game	A field session to look at some unique plant and animal communities and factors that impact them including invasive species.
Class 10 –		
Climate Change	Dr. Barry Rock, UNH Natural Resources Dept.	Up-to-date discussion on what is known and not known about climate change. Practical suggestions that can help make a difference.
Class 11 –		
Presentation Skills Ch. 13	Dennis Souto, USFS	Public speaking techniques and demonstrations to build confidence. If Dennis can do it, anyone can!
Tree Identification, Ch.9 and NH's Big Trees	AJ Dupere, Forests and Lands; John Bachman, Tree Steward	Tree ID part 2 and the NH Big Tree Program
Graduation		
Graduation	Program Coordinators	Celebration dinner, presentation & volunteers graduate!

