



Master Naturalist Volunteer Program Schedule
Classes held - 9:00-noon

| Date | Topic | Instructor / Logistics |
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| January 13 | Welcome & Orientation | Instructor: Dr. Lise Jenkins, Program Chairperson Location: Chatham County Extension Center (1192 US 64 W, Pittsboro) How this works - logistics Observations & the scientific method Your Impact Project |
| HABITAT MODULE | | |
| January 20 | Forest Systems | Instructor: Dr. Johnny Randall, Conservation, NC Botanical Garden Location: NC Botanical Garden (100 Old Mason Farm Road, Chapel Hill) Characteristics of piedmont forests Impact of light, soils, disturbance, land use, and climate on forests Services provided by forests |
| February 17 | River Systems | Instructor: Brena Jones, Aquatic Wildlife, NC Wildlife Resources Commission Location: Chatham Community Library (197 NC Highway 87 N, Pittsboro) Components of a river Types of creeks, streams, and rivers comprising piedmont watersheds Mussels: something small to understand something big River services, disturbance, and impact |
| March 16 | Piedmont Climate / Geology | <u>Climate</u> Instructor: Dr. Walt Robinson, Climate & Society, NC State University Location: Zoom Piedmont's existing climate Impact of climate change <u>Geology</u> Field trips - multiple choices, size limits, 1-2 hr hike, meet at trail head, locations around our region. See website for schedule |
| FOOD WEB MODULE | | |
| April 20 | Botany | Instructor: Matt Jones, Agent, Chatham County Extension Location: Stan M. Adams Training Facility (2832 Big Woods Rd, Chapel Hill) Plant taxonomy Anatomy and physiology Converting the sun's energy . foundations of the food web How to identify plants |
| June 1 | Insects | Instructor: Dr. Ashley Troth, Agent, Durham County Extension Location: Durham County Extension Center (721 Foster St, Durham) Insects anatomy & life cycles Identification & classification Next step in the food web A brief history of time and how insects became specialists vs generalists |

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| June 15 | Birds | Instructor: Dr. Karen Stine, Professor Emerita, Auburn University Location: Stan M. Adams Training Facility (2832 Big Woods Rd, Chapel Hill) Connecting the food web - birds and beyond Interaction between populations & habitat fragmentation What birds tell us about habitat What habitat tells us about birds - bird identification |
| IMPACT MODULE | | |
| Sept 21 | Human Environments | Instructor: Dr. Elsa Youngsteadt, Applied Ecology, NC State University Location: Durham County Extension Center (721 Foster St, Durham) Pollution (land, water, air) Land use and management Environmental regulation Moving forward |
| Oct 19 | Conservation | Instructor: Kim Livingston, Director of Conservation, Eno River Association Location: Durham County Extension Center (721 Foster St, Durham) Navigating the complexities Case study |
| Nov 16 | Water Quality | Instructor: Emily Sutton, Haw Riverkeeper Location: Lower Haw Natural Area (Hwy 64, off Foxfire Trace) Piedmont watershed concerns Agencies, organizations and regulations - who's responsible for what |
| TBD | Wrap-up Celebration | Date, time, location |