

Extension Master Gardener Training Syllabus

Instructor(s): Varies
Contact: wsmarsh2@ncsu.edu
Tuesday and Thursday (9/6-11/1)*
Lecture/Lab: 9a-12p



*Times and Dates may vary. Please refer to your syllabus for any changes.

Program Purpose

The Master Gardener Volunteer Training Program prepares potential volunteers to assist North Carolina State Extension staff in addressing home horticulture-related topics, including plant selection, establishment and care of lawn, garden and landscapes with an emphasis on integrated approaches to pest management and environmental stewardship. Volunteers assist with Extension's educational programs throughout Brunswick County and extend the reach of horticulture extension staff by providing research-based information to home gardeners. Extension Master Gardeners Volunteers are a part of North Carolina State University, a land grant institution.

Extension Master Gardener Training is an 8-week course designed to enrich your horticultural knowledge so that you can provide non-biased, research-based information to residents of Brunswick County. This course will cover importance of volunteerism, basic botany and entomology, vegetable/fruit production, as well as advanced topics such as irrigation and landscape design. There will be a lab component to **most** classes that will work towards a final class project.

Course Objective:

The EMGV Training Program will equip trainees with the knowledge and skills necessary for addressing home horticulture-related topics. Upon completion of the training program, Master Gardener Volunteers will 1) assist horticulture staff in serving the residents of Brunswick County in the field of consumer horticulture, and 2) effectively deliver research-based information from NC State Extension and Horticulture Staff to the residents of Brunswick County.

Class Schedule:

Week 1

- T, 9/6** Class: Introduction to the Extension Master Gardener Volunteer (EMGV) Program; **Sam Marshall**
Lab: Office Procedures and working with the General Public
- W, 9/7** Class: Soils, Plant Nutrients, Fertilizers, and Composting (Chs. 1&2); **Sam Marshall**
Lab: Soil Characteristics; taking a soil test; reading and interpreting a soil test
- Th., 9/8** **Field trip to NCDA Soils Lab, Raleigh, NC; Wear long pants and closed-toed shoes**

Week 2

- T, 9/13** Class: Basic Botany (Chs. 3&4); **Sam Marshall**
Lab: Plant ID in the Botanical Garden*; Meet your mentor
- Th., 9/15** Class: Annuals, Perennials, and Bulbs (Ch. 14); **Susan Brown**
Lab: **TBD**

Week 3

- T, 9/20** Class: Basic Weed Ecology and Management; **Matt Martin**
Lab: Weed I.D. and Recommendations
- W, 9/21** Class: Plant Disease and Diagnosis (Chs. 7 &19); **Pat Harriman**
Lab: Plant Disease Diagnosis and Recommendations

Week 4

- T, 9/27** Class: Basic Entomology (Ch. 6); **Sam Marshall**
Lab: **TBD**

Th., 9/29 Class: Integrated Pest Management (IPM) (Ch. 9); **Tom Woods**
Lab: **TBD**

Week 5

T, 10/4 Class: Shrubs and Woody Ornamentals (Ch. 12&13); **Susan Brown**
Lab: **TBD**

Th., 10/6 Class: Landscape Irrigation & Turfgrass (Chs. 11&15); **Tom Woods**
Lab: **TBD**

Week 6

T, 10/11 Class: Vegetable Gardening (Ch. 16); **Michelle Cousineau**
Lab: **TBD**

Th., 10/13 Class: Fruit Gardening; **Lisa Rayburn**
Lab: **TBD**

Week 7

T, 10/18 Class: Pruning Woody Ornamentals; **Tim Mathews**
Lab:

Th., 10/20 Class: Native Plants and Yard Ecology; **Exam Review**; **Sam Marshall**

Week 8

T, 10/25 No Class; work on take home exams

Th., 10/27 No Class; **TURN EXAMS by 3p!**

Week 9

T, 11/1 **Graduation and Celebration Ceremony**