



The University of Arizona
Cooperative Extension Maricopa County
 Maricopa County Cooperative Extension Office
 4341 E. Broadway Rd., Phoenix, AZ 85040

Spring 2023
Master Gardener Home Horticulture Course
January 9 – May 13, 2023

D2L Class Module Open Date	Topic	Thursday Discussion Group Date	Instructor / Reading Assignments /Publications
January 9	Orientation		Class Orientation Monday January 9, 2023
Short Week 1 January 9	Practice Module Desert Environment	January 12	Instructor: Rebecca Senior <ul style="list-style-type: none"> ● AZ1673 ● Arizona-Sonora Desert Museum paper Pre-Test
Week 2 January 13	Botany Part I	January 19	Instructor: Michael Chamberland <ul style="list-style-type: none"> ● AZ MG Manual – Chapter 1: Basic Botany, pages: 1-13
Week 3 January 20	Botany Part II	January 26	Instructor: Michael Chamberland <ul style="list-style-type: none"> ● AZ MG Manual – Chapter 1: Basic Botany, pages 14-27
Week 4 January 27	Soil, Water, & Plant Relationships	February 2	Instructor: Rebecca Senior <ul style="list-style-type: none"> ● AZ MG Manual Chapter 2: Soils and Fertilizers pages 29-40 ● AZ1106, AZ1111, AZ159
Week 5 February 3	Soil, Fertilizer, and Composting	February 9	Instructor: Rebecca Senior and Pam Perry <ul style="list-style-type: none"> ● AZ MG Manual Chapter 2: Soils and Fertilizers pages 40-49, ● AZ1020, AZ1412, AZ1413 ● AZ MG Manual – Chapter 20: Backyard Composting ● AZ1632-2014
Week 6 February 10	Vegetable Gardening	February 16	Instructor: Pam Perry <ul style="list-style-type: none"> ● AZ MG Manual – Chapter 9: Vegetables ● AZ1005-2018, AZ1435, AZ1763
Week 7 February 17	Watering by the Numbers	February 23	Instructor: Jeff Lee <ul style="list-style-type: none"> ● AZ MG Manual Chapter 16: Irrigation ● AMWUA: Landscape Watering by the Numbers ● AZ1298-2017

Week 8 February 24	Entomology	March 2	Instructor: Dr. Shaku Nair <ul style="list-style-type: none"> ● AZ MG Manual Chapter 3: Entomology ● <i>Handbook on Pests of Community Environments in the Desert Southwest</i>, view Chapter 6 Pests of Plants available online: https://cals.arizona.edu/apmc/Handbook.html
Week 9 March 3	IPM	March 9	Instructor: Kirti Mathura <ul style="list-style-type: none"> ● AZ MG Manual Chapter 5: Safe and Sustainable Pest Management ● AZ1482, AZ1521, AZ1635, AZ1765-2018
Week 10 March 10	Plant Problem Diagnosis	March 16	Instructor: Michael Chamberland <ul style="list-style-type: none"> ● AZ MG Manual – Chapter 4: Plant Pathology ● AZ1150-2015, AZ1609-2014
Week 11 March 17	Plant Selection, Planting, and Care	March 23	Instructor: Michael Chamberland <ul style="list-style-type: none"> ● AZ MG Manual - Chapter 13: Herbaceous Ornamentals ● AZ1022, AZ1153, AZ1402, AZ1674-2015, AZ1673
Week 12 March 24	Landscape Design	March 30	Instructor: Dustin Simmons <ul style="list-style-type: none"> ● AZ MG Manual Chapter 14: Landscape Design ● AZ 1564 ● AMWUA: Xeriscape
Week 13 March 31	Turf and Weed Management	April 6	Instructors: Kai Umeda and Michael Chamberland <ul style="list-style-type: none"> ● AZ MG Manual - Chapter 11: Lawns, Chapter 19: Weeds, Chapter 21: Noxious Weeds ● AZ1681, AZ1683, AZ1817 ● AMWUA -Landscape Watering by the Numbers, page 7
Week 14 April 7	Pruning Trees and Shrubs	April 13	Instructor: Dr. Ursula Schuch <ul style="list-style-type: none"> ● AZ MG Manual Chapter 7: Pruning, Chapter 12: Arboriculture ● AZ1048, AZ1139, AZ1499
Week 15 April 14	Citrus	April 20	Instructor: Dr. Glenn Wright <ul style="list-style-type: none"> ● AZ MG Manual- Chapter 18: Citrus ● AZ1146, AZ1492, AZ1154-2011, AZ1151, AZ1455, AZ1671-2015
Week 16 April 21	Cacti and Succulents	April 27	Instructor: Michael Chamberland <ul style="list-style-type: none"> ● AZ MG Manual- Chapter 15: Cacti and Succulents ● AZ1225, AZ1483, AZ1399, AZ1376, AZ1800
Week 17 April 28	Wrap Up	May 4	Post-Test End of Course Survey
Graduation May 13	Graduation		Graduation Ceremony and Celebration, optional but fun!

SYLLABUS NOTES:

1. This course is online using a cloud class management program called Desire 2 Learn, D2L.
2. Weekly class modules will open on Friday at 8 am.
3. There is a required weekly Discussion Group on the following Thursday.
4. We encourage learning the terms in the Study Guide before reading the manual chapters and publications. Understanding the terms and concepts of the week's topic will increase your comprehension.
5. We encourage reading the chapters and publications before viewing the videos.
6. We do not expect Master Gardener Students to know all the information presented in the course, they are expected to be familiar enough with the topics to understand the questions to ask and where to find research-based answers.
7. Plan to spend a minimum of six hours each week becoming familiar with the weekly topic through reading, videos, and your weekly one-hour Discussion Group.
8. The weekly module assignments, study guides, and videos on D2L that open 8:00 am on Fridays, are available to review and rewatch (videos) throughout the entire course.

Missing a Quiz or Discussion Group

9. The weekly quiz will be available on Friday at 8:00 am, it is due the following Friday at 11:59 pm. Plan to make-up a missed quiz as soon as possible. Quizzes must be made up before the end of the course to graduate.
10. If you do not attend the weekly Zoom Discussion Group meeting on Thursday, you will be considered absent. Making up a missed weekly Discussion Group meeting should be done as soon as possible and must be made up before the end of the course to graduate. Your Mentors will assist you with make-ups.
11. To graduate from the course only 3 weeks may be missed and made-up. Graduation is not required to enjoy learning about growing plants. If the requirements for graduation are met (three or less Discussion Group absences made-up, and all quizzes completed) the Home Horticulture Student will graduate and receive a Certificate of Completion from the Home Horticulture program, additionally they will earn the opportunity to become a Master Gardener volunteer if desired in one of the next two volunteer training sessions without a second registration fee.
12. Please direct question or concerns about the policies above to our Administrative Assistant Patty Howard 602-827-8282 or to the Program Coordinator Rebecca Senior 602-827-8276

Please confirm you received all course materials listed below. If any items are missing, please inform us by Week 3 to avoid charges for replacement items:

Arizona Master Gardener Manual, First edition, 2017 Revised 2019
Landscape Plants for the Arizona Desert Booklet
Xeriscape: Landscaping with Style in the Arizona Desert Booklet
Landscape Watering by the Numbers Booklet
MG Citrus Booklet
Laminated Vegetable Planting Guide
Master Gardener Home Horticulture Training Syllabus

SPEAKERS:

- Michael Chamberland - University of Arizona, Assistant Agent, Horticulture MCCE
- Rebecca Senior - Assistant in Extension, UArizona, Maricopa County MCCE
- Pam Perry - Co-Chair Demonstration Garden, Certified Master Gardener MCCE
- Kirti Mathura - Smartscape, Program Coordinator, University of Arizona MCCE
- Kai Umeda University of Arizona emeritus
- Dr. Glenn Wright, Associate Professor and Specialist, Citrus and Date Palms - University of Arizona Yuma Agriculture Research Center
- Dr. Ursula Schuch- Extension Specialist and Professor, School of Plant Sciences University of Arizona
- Dr. Shaku Nair – Associate in Extension Community IPM, University of Arizona
- Jeff Lee, Town of Gilbert, Water Conservation Specialist
- Dustin Simmons, Landscape Architect/Project Designer, Phoenix