

Spring 2017 Master Naturalist Classes



Master Naturalist



St. Louis Community College
Continuing Education

3221 McKelvey Road, Suite 250 • Bridgeton, MO 63044 • 314-984-7777



The St. Louis Community College Office of Continuing Education offers individuals the opportunity to complete the **Master Naturalist** Program. This course of study includes both credit and non-credit classes. A non-credit **Master Naturalist** award of completion will be granted to individuals completing all components of the program.

The following classes may be taken for your own personal enrichment or as a part of the **Master Naturalist** program.

Contact Continuing Education at 314-984-7777 for program requirements.

Landscape and Gardening

Vegetable Gardening

Do you want to “grow your own” this season? For the best selection of seeds and plantings, you need to start planning early. Learn tips for planting, maintaining and harvesting your own fresh veggies. Topics for discussion include raised beds, container gardening and more. Bring your questions for our gardening expert and local nursery owner.

HORT:701 | \$25

680 Sa 9am-11:30am
March 4

Nancee Kruescheck
MC - SO, 107

681 Sa 9am-11:30am
March 11

Nancee Kruescheck
MC - SO, 108

All About Herbs

Now is the time to plan for your summer garden! Learn how to get the most for your effort in this one-night class. From starting to expanding an herb garden, you’ll learn about soil conditions, fertilizing, and the optimal placement for growth. Come hear the best advice from Master Gardener “Mike” on how to plant, maintain, and harvest an herb garden. You’ll also get tips on using herbs in and around your home as well as the best way to freeze and preserve herbs for future use. Bring a notebook and pen to class.

HORT:701 | \$25

650 W 6pm-9pm
April 5

Michelle Ochonicky
MC - SO, 108

Sun and Shade Perennials: What’s Best for the Midwest?

Save time and money by creating or enhancing your yard and garden with easy-to-grow perennial plants that come back year after year. Start your perennial garden with a good understanding of plant selection, and care and maintenance based on the shade and sunlight locations in your yard. Join local nursery owner Nancee Kruescheck and discover the most popular varieties of plants and characteristics of each including: size and height; when they bloom; soil requirements and conditions in which they grow best. You’ll be able to take what you learn in this class and create a perennial garden that is not only beautiful, but easier to maintain throughout the season.

HORT:704 | \$25

680 Sa 9am-11:30am
April 1

Nancee Kruescheck
MC - SO, 107

Gardening Under Trees and Other Tough Spaces

Do you have problems successfully growing plants under the trees in your yard? Are you concerned about possibly damaging the tree roots but would really like to add some attractive plantings that would thrive there? Come learn about the art and science of gardening under trees and other tough-to-grow spots to add to the beauty of your yard.

HORT:708 | \$25

680 Sa 9am-11:30am
April 8

Nancee Kruescheck
MC - SO, 108

Soil and Composting: Get the ‘Dirt’ on Successful Gardening

The first step in successful gardening is working from the ground up. Learn the ‘dirt’ on successful gardening as we’ll discuss easy to understand information on soil types, practical tips on preparation and the ‘how to’ and benefits of composting for your home garden. A beneficial class for both beginning and experienced homeowners.

HORT:709 | \$25

650 Th 7pm-9pm
April 13

Michelle Ochonicky
MC - SO, 108

The ‘Deer Free’ Zone

Is the local deer population feasting upon the ornamental plants in your yard? Are you tired of investing time, money and hard work into your landscaping only to have it eaten away? Join a Greenscape Gardens expert to identify deer-resistant plants, flowers and methods to deter deer from ruining the landscaping delights in your gardens and yard.

HORT:712 | \$15

M01 Sa 10am-11:30am
March 18

Greenscape Gardens

Really Green Thumbs

Improve your ‘eco-green’ garden materials and your ‘green thumb’ gardening practices and learn how an organic sustainable approach can benefit your home or community garden. Join Master Gardener, Mike Ochonicky, as she teaches you simple ways to incorporate natural techniques to improve your garden soil, plant nutrition, and pest control. Make your garden environmentally friendly and improve your gardening skills, your health and the world in which we all live.

HORT:713 | \$25

650 W 7pm-9pm
April 12

Michelle Ochonicky
MC - SO, 204

The ‘Other’ Part of Gardening: Care and Maintenance of Flowers and Shrubs

Powdery mildew taking over your plants? Are your roses in need of deadheading? What’s “bugging” your greenery and shrubs? Why are your plants not flowering? Learn how to maintain vigorous plants that continue to thrive throughout the season. With regular maintenance, you can keep your plants looking their best. Nursery owner Nancee Kruescheck will teach you “tips and tricks” on feeding, pruning and dealing with common pests and diseases. Bring your questions to class for this informative session.

HORT:723 | \$25

680 Sa 9am-11:30am
April 15

Nancee Kruescheck
MC - SO, 108



Go Native.



Creating an environment with nature in mind.

Native plants, or simply “native” are species that have evolved and occur naturally in local geographic areas. In the Midwest region, native plants are adapted to local soil conditions, rainfall and temperature patterns, and generally do not require any special maintenance needs after they are established in the right environment, saving you both time and money. Most importantly, native plants function in the landscape by attracting and furnishing a habitat for a host of wildlife including birds, butterflies and beneficial insects and providing you with a healthy environment in which to live.

*Classes are presented by Dave Tylka, biologist, photographer, native landscape and wildlife author of *Native Landscaping for Wildlife and People*; Nancee Kruscheck, gardening expert and local nursery owner; Mitch Leachman, Executive Director of the St. Louis Audubon Society; Betty Struckhoff, St. Louis Master Gardener and Wild Ones Native Landscaper member; Susie Van de Riet, owner of St. Louis Native Plants, LLC and Forest Park Forever gardener.*

Go Native! An Introduction to Native Landscaping

Bring a bit of nature to your urban or suburban home. Come discover the many benefits of native landscaping, also known as “naturescaping,” and enrich your life by bringing low maintenance plants to your yard or workplace and developing a natural ecosystem to attract animals and beneficial insects. Learn why native coneflowers, milkweeds, viburnums and oaks are more beneficial than non-native hostas, daylilies, crape myrtles, and Bradford pears. Explore why biodiversity is healthy, and why cultivars should be scrutinized. You’ll also receive information on assistance and resources available through the St. Louis Audubon “Bring Conservation Home” program to help get you started. We face many environmental challenges and this is your opportunity to extend your commitment to make a difference.

HORT:713 | \$25

600 W 9am-12pm
April 5

Mitch Leachman
MC - CE Classroom

Go Native! Identification and Ecology of Common Missouri Wildflowers

Have you ever wanted to explore the scientific approach to identifying wildflowers? This is your chance to get an introduction into flora classification. Missouri is a crossroads of several different natural communities across the Midwest and supports a wide array of native and non-native wildflowers. You’ll explore basic flower parts and leaf arrangements and then determine the distinguishing and unique characteristics of over 60 common species organized by color and chronology. You are encouraged to bring a copy of Denison’s Missouri Wildflowers (6th Ed.) published by the MO Conservation Dept. for use in the class. Book is available at most area bookstores, nature centers and libraries.

HORT:713 | \$25

601 F 9am-12pm
April 7

David Tylka
MC - CE Classroom

Go Native! Native Landscaping with Shade-Adapted Plants

Successfully growing plants under large trees can be challenging, but if you mimic nature by planting ecologically adapted natives, you can enjoy an attractive, biodiverse landscape throughout the seasons. Many spring native wildflowers bloom before most large trees leaf out, shade-adapted shrubs can thrive under low-light conditions, grasses and foliage plants provide summer texture, late summer and fall bloomers welcome wildlife, and berries and bark can provide winter interest. Join us and learn how to establish and maintain shade-adapted native landscapes.

HORT:713 | \$25

602 W 9am-12pm
April 12

Betty Struckhoff
MC - CE Classroom

Go Native! Native Landscaping with Sun-Adapted Perennials

Did you know that prairies and glades are the two most diverse and colorful natural communities in Missouri that thrive in the sun? Learn basic characteristics of the soil and moisture conditions of these communities and how they can be emulated in your home landscape. Presentation will focus on native prairie and glade species that can be successfully grown in the St. Louis area, the height and spread of each species and where each species will grow best in your yard. Some of the class may be outdoors. Dress appropriately for the weather.

HORT:713 | \$25

603 F 9am-12pm
April 14

Susie Van de Riet
MC - CE Classroom

Go Native! Native Landscaping for Bees, Butterflies and Other Pollinators

Butterflies go wherever they please and please wherever they go. Along with bees and other insect pollinators, they are environmental barometers. Healthy landscapes have large numbers and a wide diversity of pollinators—contaminated or altered landscapes do not. The best plants lure pollinators to their flowers by offering pollen, nectar, resin and oil, and by evolving visual and olfactory cues such as nectar guides, color and fragrance. Come get practical advice on getting started for selecting the optimal natives to attract various groups of pollinators.

HORT:713 | \$25

604 F 9am-12pm
April 21

David Tylka
MC - BA, 112

Go Native! Ways to Attract Songbirds and Hummingbirds through Native Landscaping

Are you looking to attract more songbirds and hummingbirds to enhance your backyard viewing? Learn the secrets to selecting the best native plants that furnish seeds, flowers and fruits for these birds. To attract the greatest diversity of birds to your property at various seasons, you need to select fruiting shrubs and trees from different categories based upon the season the fruits and seeds are produced, their nutritional make-up and the length of time they remain on the plants. Bring a kaleidoscope of colors and songs to your landscape with your knowledge from this class.

HORT:713 | \$25

605 W 9am-12pm
April 26

Mitch Leachman
MC - CE Classroom

Courses offered in the Go Native! section focus on Midwest native species and qualify for the Master Naturalist program.

Go Native! Native Landscaping with Shrubs

Stop spending your time and money trying to maintain shrubs that are not indigenous to the Midwest and have difficulty adapting to local soil and weather conditions. Go native and begin to add more environmentally beneficial shrub species. Native shrubs that have evolved in the Midwest are adapted to local rainfall and temperature patterns and generally do not require any special maintenance needs after they are established. Because of this evolution, these native woody species have produced unique interrelationships with many native species of wildlife. Lots of suggestions will be presented to help you get started.

HORT:713 | \$25
606 F 9am-12pm
April 28

Mitch Leachman
MC - CE Classroom

Go Native! Identification and Natural History of Common Missouri Insects

Ever wonder why insects are the most successful and ecologically important class of animals in the world? They form a vital link between plants and vertebrate animals, such as birds and mammals. Although their biodiversity can be overwhelming, after learning some basic anatomy, you'll be able to identify ten major groups or orders of insects and recognize the most commonly encountered species found in the greater St. Louis area. See close-up images of insects, discuss their natural history and receive identification resources to take home. Students are encouraged to obtain the Golden Guide paperback titled, "Insects" for use in class. Book is available from most area bookstores and libraries.

NATR:715 | \$25
600 W 9am-12pm
April 19

David Tylka
MC - CE Classroom

Create a Beautiful Landscape with Native Plants

Enrich the diversity in your yard by discovering and planting species native to Missouri. You can create a beautiful and interesting landscape with a progression of plants that are perfectly adapted to our unique soil and climate. The native plants you'll learn about will reduce mowing and improve biodiversity while fitting nicely into your home landscape. Some native specimens are ideal for your perennial gardens and problem areas. You'll be delighted at how beautiful the native plants are and enjoy learning some plant folklore.

HORT:713 | \$25

680 Sa 9am-11:30am
April 22

Nancee Kruescheck
MC - SO, 108

Contact Continuing Education at 314-984-7777 for program requirements.

Registration for Spring 2017 classes begins January 3



Ecology

It's OK to Eat the Weeds-Wild Edible Plants of Spring

The next time you weed your garden, you might find you have the makings for a unique dish! Join Dr. Catrina Adams, Ph.D. in Paleoethnobotany (how people have used plants in the past) to learn about some of the common edible plants that grow in and around St. Louis in the spring. Discover where to find them, how to identify and collect them, and how to eat them! Then, take a tour of the campus to identify edible and useful plants you probably walk past every day. Some wild edibles are lovely native plants that you may want to cultivate in your own backyard. Others might be growing in your lawn or garden already, for better or for worse!

ECOL:703 | \$29
680 Sa 9am-12pm
May 6

Dr. Catrina Adams
MC - SO, 107

Indoor Composting: Make and Take Home a Bokashi Bucket

Don't throw away those scraps - up to 20% of household trash can be composted! The bokashi bucket system can be used in the winter months, it's quick, convenient and has no household smells. In this hands-on session, you will construct and learn to maintain an indoor composting system capable of decomposing food and house plant trimmings for a family of four. In a space-saving bokashi system, effective microorganisms transform all types of kitchen waste into a nutrient-rich soil amendment. All equipment, materials and handouts provided and included in fee. You'll leave class with a working indoor composting system in the form of a bokashi bucket. Class offered in partnership with the Missouri Botanical Garden Earthways Center. Registration deadline 4/12. No refunds after this date.

ECOL:704 | \$49
6D1 Th 7pm-8:30pm
April 27

Kat Golden
MC - SW, 105

Backyard Chickens for the Beginner

Have you thought about keeping chickens in your city or suburban backyard? There's a lot to find out about before you get started. Learn about local ordinances and where to find more information for the area where you live. You'll also hear about the benefits of keeping chickens, appropriate housing and feeding and different ways of keeping your chickens healthy and happy. Instructor has years of personal and professional experience and is an enthusiastic and knowledgeable, healthy chicken-farmer! Bring a sack lunch to class.

ECOL:705 | \$35
680 Sa 10am-2pm
March 25

Guy Niere
MC - SW, 108

Like us at www.facebook.com.



**St. Louis Community
College Continuing
Education**

Nature

Nature Walk

With the warm weather upon us, it's time to get outside and see what's blooming! Join our small group tour to explore, discover and study the spring landscape observing the splendor of the environment of Shaw Nature Reserve. Naturalist Nancy will guide you along a 2-3 mile walk on well-maintained, mostly level paths through the Whitmire Wildflower Garden and on the Brush Creek Trail. Wear comfortable shoes and dress appropriately for the weather. In case of rain, class will be rescheduled to May 6. Meet at the picnic tables across from the visitor's center.

NATR:704 | \$19

M01 Sa 10am-12pm

April 22

Nancy Gelb

Shaw Nature Reserve

Introduction to Bird Watching

According to the U.S. Fish & Wildlife Service, more than 45 million Americans identify birding as one of their favorite pastimes. Whether you are an amateur bird enthusiast or are interested in learning more about bird identification, migratory patterns, and wildlife in your own backyard, this class is for you! Join educators from the St. Louis Audubon Society to discover how to identify bird species by sight, song, physical attributes, and behaviors. You'll also learn how to research your findings in guidebooks and how to attract more birds to your backyard through feeding and landscaping. Field trip on Saturday will allow you to practice your new skills and learn about the best places to view a variety of birds in the St. Louis area. Field trip details to be discussed in class. Provide own transportation. Class is offered in partnership with the St. Louis Audubon Society.

NATR:709 | \$35

653 W 7pm-9pm

April 5

Sa, April 8

MC - SO, 204

MC - Off Campus TBA

Waterfowl

There are 63 species of ducks, geese, and swans in North America, eight of which breed in Missouri. Come learn about the habitat, behavior and markings of those found in the greater St. Louis area. Coot, cormorant, and grebe will be included in the discussion. Offered in partnership with the St. Louis Audubon Society.

NATR:709 | \$25

651 W 7pm-9pm

March 1

MC - SO, 204

Forest Park Owls: Hiding in Plain Sight

Join award-winning, amateur naturalist and speaker Mark H.X. Glenshaw and discover details into the lives of a local mated pair of Great Horned Owls in Forest Park. Mark has been closely observing and documenting the owls since 2005. You'll learn how he found the owls, basic facts about the species, and the different behaviors he observes and documents with photos and videos to illustrate these behaviors. Don't be surprised if you find yourself looking for owls after this course in a follow up instructor led Owl Prowl!

NATR:709 | \$25

652 Th 6:30pm-8:30pm

March 23

Mark H.X. Glenshaw

MC - SO, 108

Owls of Missouri

Join in this exploration of owls. We will look at the eight species of owls native to Missouri with special focus on four local species: Barn, Barred, Eastern Screech, and Great Horned owls. Participants will also dissect owl pellets to investigate owl eating habits. Offered in partnership with St. Louis Audubon Society.

NATR:709 | \$25

650 W 7pm-9pm

Feb. 8

MC - SW, 108

Forest Park Owls: Mating, Nesting and Owlets

Join Mark H.X. Glenshaw, an award-winning amateur naturalist and speaker for a class focusing on the mating and nesting behavior and the owlets raised by Great Horned Owls he has been observing, documenting, and doing outreach in Forest Park since December 2005. Learn what Mark has been able to observe and document including: mating, nest selection, feeding of the owlets, fledging and gradual maturation of owlets, and the dispersal of the owlets with photos and videos to illustrate these behaviors. You will be amazed at the delights and challenges these owls have when they raise their families.

NATR:709 | \$25

654 Th 6:30pm-8:30pm

April 6

Mark H.X. Glenshaw

MC - SO, 109

Monarchs and Milkweed

Join biologist Dave Tylka to learn the plight of these beautiful animal ambassadors of the air, how you can help monarchs by planting different milkweed species around your home, and where milkweed seeds and seedlings may be obtained.

NATR:720 | \$25

650 Tu 7pm-9pm

March 28

David Tylka

MC - SO, 108

Spring Butterflies

Enjoy the beauty of butterflies both indoors and outdoors. In the classroom session, you will learn basic identification skills through a Power Point and video presentation. On the field trip, you will experience the magic of butterflies in their natural habitat while spring wildflowers are in full bloom. Field trip date Saturday 4/29. Location: TBA. Provide own transportation. Although not required, binoculars and the field guide "Butterflies through Binoculars: The East" by Jeffrey Glassberg would be useful tools for the field trip walk. Offered in partnership with the North American Butterfly Association.

NATR:720 | \$29

651 Tu 6pm-8pm

April 18

Sa April 29

Yvonne Homeyer

Pat Garner

MC - SO, 107

MC - Off Campus

On the Brink Again? Recovering Two Endangered Wolves

Recovering a species from 14 individual animals, or even 7, is a challenging process. Both the red wolf (who was native to Missouri) and the Mexican gray wolf have come back from the brink of extinction by the passion and efforts of several facilities. This class will focus on the Endangered Wolf Center's key role in their recovery and the current status of each species in the wild now. A tour of the animals will be included. Call EWC at 636-938-5900 and for directions and location details. Offered in partnership with the Endangered Wolf Center. Registration deadline 2/17. No refunds after this date.

NATR:727 | \$29

MD1 Sa 9am-12pm

Feb. 25

Endangered Wolf Center

Geology of Missouri

Spend a few hours learning about the geology and geography of Missouri in an informal atmosphere. We will discuss how our state has been shaped by glaciations, earthquakes, uplift and warm, and shallow seas. Learn about the processes that gave us the nickname "The Cave State." We will also take a look at the economic impact rocks and minerals have had on our state's economy.

NATR:730 | \$29

680 Sa 9am-12pm

April 8

Jeffrey Smith

MC - SW, 106

Introduction to Beekeeping

Bees play an important role in agriculture as pollinators of flowering plants that provide food, fiber, spices, medicines and animal forage. Beekeeping can be a hobby, a secondary business, or a full-time vocation. It is a relatively inexpensive hobby that provides a sweet bonus each year. Is beekeeping right for you? Come and learn how to attract native pollinators and honey bees by planting a pollinator-friendly garden and constructing nesting habitat for native pollinators. We will also present introductory information on getting started with beekeeping and honey bee products of the hive.

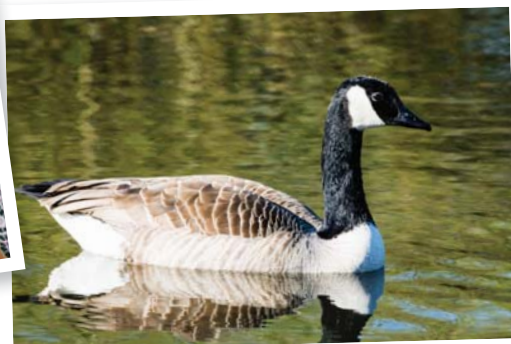
NATR:733 | \$29

680 Sa 9am-12pm

Feb. 18

Jane Sueme

MC - SO, 107



Call 314-984-7777 to register beginning January 3!

Non-Discrimination/Accommodations Statement

St. Louis Community College is committed to non-discrimination and equal opportunities in its admissions, educational programs, activities, and employment regardless of race, color, creed, religion, sex, sexual orientation, national origin, ancestry, age, disability, genetic information, or status as a disabled or Vietnam-era veteran, and shall take action necessary to ensure non-discrimination. Sexual harassment, including sexual violence, is also prohibited. For information or concerns related to discrimination or sexual harassment, contact Patricia Henderson of Human Resources, 314-539-5214.

If you have accommodation needs, please contact Ann Marie Schreiber, 314-984-7704, at least three weeks prior to the class or event.

Firearms on College Property

Except for licensed police officers, no person shall possess or carry any firearm, visible or concealed, on College property (including College buildings and grounds-leased or owned by the College-College athletic fields and parking lots) or in any College van or vehicle or at College-sponsored activities. College employees, students and visitors who hold concealed carry endorsements as allowed by Missouri law may not carry or bring any firearms, visible or concealed, on College property, owned or leased, or at any College activities.

Registration is Easy!!!



Mail

Complete the registration form (below) and mail with check (payable to St. Louis Community College) to:
STLCC Continuing Education, 3221 McKelvey Road, Suite 250, Bridgeton, MO 63044

Students who register by mail should assume they are registered unless otherwise notified. A registration confirmation is mailed to students who register by mail; however, the confirmation may not be received prior to the beginning of the class. If you have enrollment questions, please call Continuing Education: 314-984-7777.



In Person at STLCC Continuing Education Offices M-F 8:30 am - 4 pm

Meramec
 802 Couch Avenue
 St. Louis, MO 63122

Florissant Valley
 At the Center for Workforce Innovation
 3400 Pershall Rd., Ferguson, MO 63135

Forest Park
 Forest Park, G Tower-320-322
 5600 Oakland Ave., St. Louis, MO 63110

You may want to first call the Continuing Education office at 314-984-7777, to check that openings exist.



By Phone

Call to complete your registration by charging fees to MasterCard, Visa, American Express or Discover.

Telephone: 314-984-7777

NEW-Call Center Hours: M-Th 8:30 am - 5 pm; Fridays 8:30 am-4 pm

Before calling to register, have this information ready:

1. Course Title / Course Code (letter prefix with number) / Section Number
2. Student Contact Info (name / address / phone number /email)
3. Student Number or UIN
4. Credit Card Number with Expiration Date



Online: www.stlcc.edu

Visit our website and click on the "Continuing Education" link — where you can view current class offerings and to register for classes.

Enrollment in classes within this brochure, except for youth section classes, is limited to persons 16 years or older.

Registration Deadline

All non-credit courses are limited in enrollment. Advanced registration is required.

Automatic Bank Payment (ACH)

All checks will be converted to an electronic Automated Clearing House (ACH) transaction whether the payment was made in person or mailed.

Mail-In

Registration form *Please print in ink.*

Please register me for the following courses:

| Course Code | Section | Course Title | Day/Time | Fees |
|--------------|---------|--------------|----------|------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total | | | | |

Male Female

Senior Citizen?

Yes No

Check Payment:

Please make checks payable to St. Louis Community College, and mail with form (address above).

Credit Card Payment:

Charge fees to:

- MasterCard
- VISA
- Discover
- American Express

Email Address: _____

UIN or Student#: _____ Birthdate: _____

Name: _____
LAST FIRST MIDDLE INITIAL

Address: _____
STREET OR POST OFFICE BOX

CITY STATE ZIP CODE

Telephone/Home: _____ Work: _____

CARD NUMBER Expiration Date: _____

Signature: _____