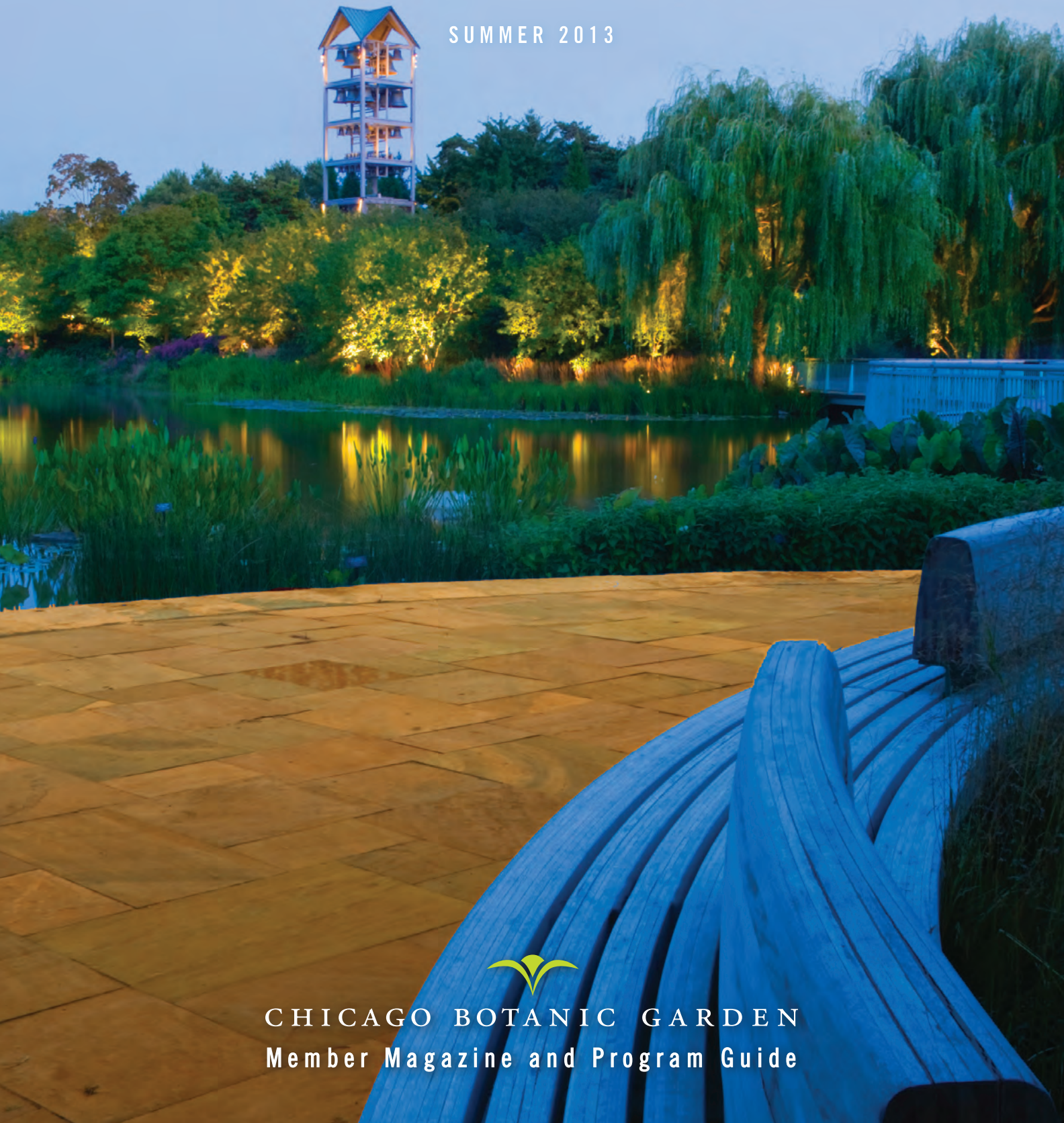


Keep Growing®

SUMMER 2013



CHICAGO BOTANIC GARDEN
Member Magazine and Program Guide



Joseph Regenstein, Jr. School

Adult Education

An extensive schedule provides a wealth of choices; instruction by Garden staff and experts in their field ensures every class, workshop, or symposium is an exceptional learning experience.

A Key to Better Sleep, Balance, and Health is Tai Chi with Gordon Lock

“Life is rarely smooth—it is bumpy with joy and challenges,” says Chicago Botanic Garden tai chi instructor Gordon Lock. “Tai chi teaches us to accommodate both pleasant and unpleasant as part of our journey. We learn to yield when we encounter a force that is too strong and discover how best to direct our own strength physically or emotionally through our daily life.” Lock began his tai chi practice as a teenager in Hong Kong, and continues his studies today. He has been teaching for ten years.

Some refer to tai chi as “meditation in motion,” but Harvard Medical School calls it “medication in motion” because



“It is wonderful to practice tai chi in view of the lakes and ponds, while listening to the birds singing and the wind blowing through the trees,” says tai chi instructor Gordon Lock. Classes are held indoors in inclement weather.

of its myriad health benefits. People with Parkinson’s disease and stroke survivors who practice tai chi often achieve better balance and walking ability; Gordon helps cancer survivors gain strength, flexibility, and aerobic dexterity through his work as a volunteer with the Cancer Wellness Center.

Most tai chi students enjoy improved sleep and lowered stress levels, and the sense of community and camaraderie gained through the practice often lifts moods and alleviates symptoms of loneliness. The Garden offers four class levels, and Lock welcomes students of all ages and abilities.

Highlights

Hanging Basket Workshop

Wednesday, June 5
See page 44.



Father's Day Canoe Adventure!

Saturday and Sunday, June 15 & 16
See page 50.



New! Herbs and More at Mettawa Manor

Wednesday, July 17
See page 59.



New! Reiki for You

2 Thursdays, June 20 & June 27
See page 66.

Photography Workshops with Allen Rokach

Monday – Wednesday, July 29 – 31
See page 65.

Portfolio: Presenting Your Artwork

Tuesday, June 25
See page 62.



Labeling, Matting, and Framing

Monday, July 15
See page 62.



Microscope and Botanical Dissection Workshop

Saturday, August 3
See page 63.

Bonsai Workshops

See page 40.

Consciousness and Nature Retreat at Mettawa Manor

Friday, September 20
See page 59.

Overview of Courses and Programs

GENERAL INTEREST COURSES

Courses cover myriad topics and provide high-quality learning opportunities for beginning and more advanced gardeners. For specific program questions, contact the registrar at school@chicagobotanic.org or (847) 835-8261.

Professional Programs

Professional programs are intensive studies in a particular area of interest for the advanced student. These courses routinely carry continuing education units for various professional organizations. Please direct comments or topic suggestions to Jill Selinger at school@chicagobotanic.org or (847) 835-8269.

Symposia

Symposia, offered throughout the year, provide an in-depth look at a variety of topics. Regional, national, and international speakers provide new perspectives for amateur gardeners, professional horticulturists, landscape designers and architects, scientists, conservationists, and other green-industry professionals. Please direct comments or topic suggestions to Beth Pinargote at school@chicagobotanic.org or (847) 835-8278.

Master Gardener Training Program

In conjunction with University of Illinois Extension, the Garden offers the Master Gardener Training Program. The program covers the basics of horticulture, including classes on woody and herbaceous ornamental plant materials, fruit and vegetable crops, entomology, and pathology.

After completing the training program and 60 hours of volunteer service, participants become certified University of Illinois Extension Master Gardeners. The next on-site program will be in January 2015 and the next online program will begin in January 2014. Please visit www.chicagobotanic.org/school/mastergardener or call Jill Selinger at (847) 835-6849.

Certificate Programs

Learn how a certificate of merit can help you fulfill a dream, start a new career, or delve more deeply into an area of interest. Look for these codes after a course listing, and find a course that may be a new beginning for you!

Certificate programs are offered at many levels to give both beginners and professionals opportunities to improve their expertise and marketability. Details about all of the certificate programs are available at www.chicagobotanic.org/school/certificate. Contact Amelia Simmons-Hurt at certificateprogram@chicagobotanic.org or (847) 835-8293 for further information.

- **Botanical Arts (ART)**
Engage your senses, discover hidden talents, and explore a more personal relationship with plants in this studio art program.
- **Garden Design (GDC)**
Create successful gardens with a solid foundation in plantsmanship and science-based gardening techniques.
- **Midwest Gardening (MGC)**
Discover practical, learner-friendly training on growing plants, plant propagation, and home garden design and you will become a more successful home gardener.
- **Ornamental Plant Materials (OPC)**
Avid amateur gardeners and aspiring horticulture professionals alike will learn identification, cultural requirements, and landscape use for more than 500 ornamental plants that are well suited for northeastern Illinois.
- **Professional Gardener Level 1 and 2 (PGL 1 and 2)**
Hands-on learning can lead to a new career or advancement in the industry, with science-based gardening techniques, plantsmanship, and training in sustainability and planning.
- **Healthcare Garden Design (HGD)**
In this professional development program, attendees will discover the many ways gardens provide verifiable health benefits for the patients, staff, and visitors.
- **Horticultural Therapy (HTC)**
This 12-credit-hour accredited program combines online learning with hands-on training, allowing students to gain experience and skills in the use of plant, garden, and nature activities to achieve measurable physical and mental-health outcomes for clients.
- **Focus on Photography (FPC)**
The Regenstein School recently launched a new certificate program, enabling photographers of all levels to experience the wonders of the natural world, develop and sharpen their powers of observation, and master their technical skills in the studio. This program is your unique opportunity to discover and enhance your creativity, learn from outstanding photography professionals, and enjoy the Garden as your studio. Contact Jill Selinger at certificateprogram@chicagobotanic.org or (847) 835-6849 for more information about the photography certificate.

One-stop registration online.
It's so easy! Register for classes, camps, kids' programs, yoga, and more!

BONSAI WORKSHOPS

All bonsai workshops are taught by Ivan Watters, bonsai artist and curator of the Chicago Botanic Garden bonsai collection. Workshops are held in the Production Headhouse.

Bonsai: Beginner – Basics and Fundamentals

During this six-week course, discover principles and techniques to appreciate and participate in the art of bonsai. Each session includes a detailed lecture and assistance with design, styling, and wiring.

\$229 nonmember; members receive 20% discount
Session 1: 6 Sundays, July 7 – August 11, 1 – 4 p.m.
Session 2: 6 Sundays, August 25 – September 29, 1 – 4 p.m.

Bonsai: Novice – Development Techniques

Ideal for those with considerable familiarity and experience with the fundamentals of bonsai, each session in this six-week course includes a brief lecture, supervised work on trees, and a review and critique of work undertaken.

\$269 nonmember; members receive 20% discount
Session 1: 6 Wednesdays, July 10 – August 14, 6:30 – 9:30 p.m.
Session 2: 6 Wednesdays, August 21 – October 2, 6:30 – 9:30 p.m.
(no class September 4)

Bonsai: Intermediate – Refinement Techniques

Appropriate for those with knowledge of bonsai concepts and experience with the art beyond the novice level, each session in this six-week course includes a brief lecture, supervised work on trees, and a review/critique of work undertaken.

\$287 nonmember; members receive 20% discount
Session 1: 6 Saturdays, July 6 – August 10, 9 a.m. – noon
Session 2: 6 Saturdays, August 24 – October 5, 9 a.m. – noon
(no class September 14)

Bonsai: Advanced – Presentation-Quality Efforts

For the student who has completed the beginner, novice, and intermediate courses, this six-week course focuses almost exclusively on supervised work on trees.

\$319 nonmember; members receive 20% discount
Session 1: 6 Sundays, July 7 – August 11, 9 a.m. – noon
Session 2: 6 Sundays, August 25 – September 29, 9 a.m. – noon

WEEKEND GARDENER SERIES

Are you a new homeowner baffled by your landscape? Are you a beginning gardener who wants to learn basic horticultural skills? This series answers gardening questions and introduces techniques for gardening success. Each course investigates a different topic related to your own lawn and garden.

Get Started with Annuals

Annuals can be used in many ways to provide constant color in your flowerbeds, containers, window boxes, and perennial borders. Learn the most dependable varieties as well as the new and unusual. Topics include soil preparation, plant selection, care and maintenance, and some propagation techniques.

Tim Pollak, outdoor floriculturist,
Chicago Botanic Garden
\$37 nonmember; members receive 20% discount
Sunday, May 19, 1 – 3 p.m.
Design Studio

Bonsai Basics

Learn the horticulture of bonsai and the art and philosophy behind it. Discover what bonsai is and the history, fundamental aesthetic elements, and basic styles of this art. Watters will also touch on tools, wiring, soils, fertilizers, and year-round care. A walk to view part of the bonsai collection is included.

Ivan Watters, bonsai artist and curator, Chicago Botanic Garden bonsai collection
\$37 nonmember; members receive 20% discount
Saturday, June 1, 1 – 3 p.m.
Design Studio

Mulches and Compost

Composting duplicates nature's recycling process, turning leaves, grass clippings, yard trimmings, and kitchen scraps into dark, nutrient-rich humus. Learn how to select and set up a compost bin or pile, what materials can be composted, how to use compost, and techniques to ensure the best results. You will also learn about the types of mulches available and why mulching is vital for a healthy and vigorous garden.

Rachel Catlett, horticulturist
\$37 nonmember; members receive 20% discount
Saturday, July 20, 1 – 3 p.m.
Annex 2

Classes are subject to change.
For the most current listings
visit www.chicagobotanic.org/school.

New! Watering Techniques

Learn the importance of water management in your garden. Discover how and when to water your plants and gardens to maximize water use efficiency and minimize diseases that can result from improper and untimely watering. We will also discuss watering tools, such as irrigation and sprinklers, as well as techniques for assessing your garden's water needs. Dress for the weather, as part of the class will be outdoors.

Jessica Goehler, horticulturist
\$37 nonmember; members receive 20% discount
Saturday, July 27, 1 – 3 p.m.
Annex 2

Wild World of Weeds

Join us for an exploration of some of the most common weeds of the Midwest! You will learn the basics of weed identification, life cycles, and methods of control. In addition, Tom Soulsby will give you a close-up look at what has been discussed and help you practice identifying weeds.

Thomas Soulsby, horticulturist,
Chicago Botanic Garden
\$37 nonmember; members receive 20% discount
Saturday, August 10, 9 – 11 a.m.
Linnaeus Room

Fall Garden Care

Proper garden care in the fall helps ensure healthy plants the next spring. Learn techniques for taking care of your lawn, trees, shrubs, and perennials, including fall fertilizing, mulching, cutting back plants, and protecting plants from winter winds and animal damage. Pointers will be given for fall planting of woody plants and spring-flowering bulbs.

Tim Johnson, director of horticulture,
Chicago Botanic Garden
\$37 nonmember; members receive 20% discount
Sunday, August 25, 1 – 3 p.m.
Annex 2

Fall Lawn Care

If your lawn isn't all you would like it to be, invest some time this fall so you can have a healthy and lush lawn next year. Learn the basics of lawn renovation and how to prepare your lawn for winter. Tom Fritz will discuss and demonstrate proper techniques for installing sod, seeding and overseeding, and aerating and fertilizing—all aimed at revitalizing your lawn. Dress for the weather, as part of the class will be outdoors.

Tom Fritz, plant healthcare specialist,
Chicago Botanic Garden
\$37 nonmember; members receive 20% discount
Saturday, September 7, 10 a.m. – noon
Seminar Room, Plant Science Center



Learn the basics of bonsai with bonsai curator Ivan Watters.

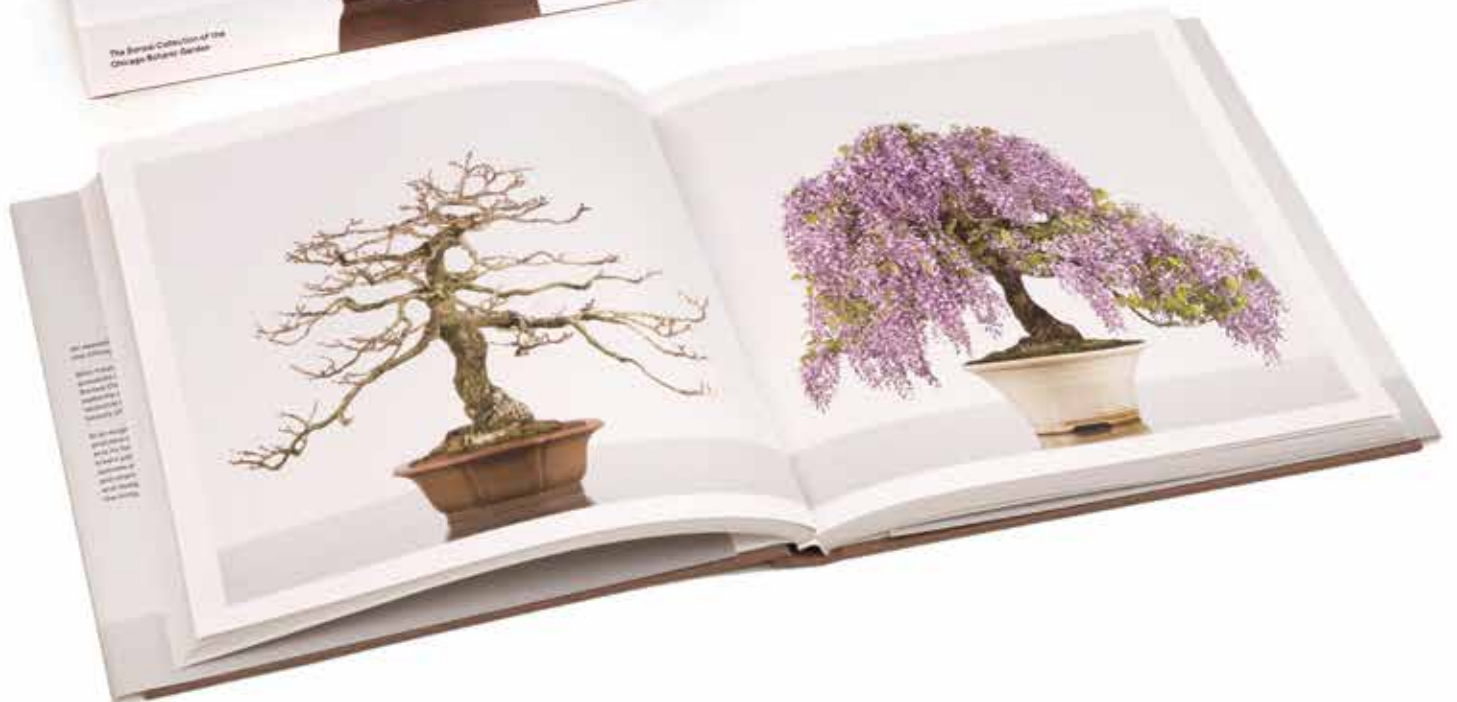


CHICAGO BOTANIC GARDEN

A Patient Art is a Beautiful Gift

Bonsai: A Patient Art has become a popular selection in the Gift Shop since its publication last fall. Readers will cherish this superbly designed book while gaining a new appreciation for the living masterpieces from the Garden's Bonsai Collection that inspired it.

The book is supported by Garden member Robert H. Malott and published in association with Yale University Press. Cost is \$40; Garden members receive a 10 percent discount.



Horticulture

New! Growing Tomatoes and Peppers

Harvesting home-grown, vine-ripened tomatoes and peppers is a satisfying pleasure for the vegetable gardener. Learn how you can grow high quality peppers and tomatoes with tips on selecting, organically growing, and harvesting. You will take home some heirloom pepper and tomato seedlings for transplanting in your own garden.

Lisa Hilgenberg, horticulturist, Fruit & Vegetable Garden, Chicago Botanic Garden
\$37 nonmember; members receive 20% discount
Thursday, May 30, 6:30 – 8:30 p.m.
Fruit & Vegetable Learning Center

Early Morning Garden Stroll

Join Nancy Clifton and other early birds on an inspiring stroll and enjoy the private moments found in the Garden at the break of dawn. See the sunrise, the morning dew on flowers, and mist across the water. We will stop for special sites along the way and quietly talk about the benefits found when hardly anyone is around.

Nancy Clifton, program specialist, Chicago Botanic Garden
\$19 nonmember; members receive 20% discount
Tuesday, June 4, 7 – 8:30 a.m.
Meet at Visitor Center

Gorgeous Container Gardens

Containers are never out of fashion in the garden. Learn about the newest trends and observe tried and true construction techniques during this demonstration-style class. Beth Levy will teach you all you need to know so you can create that stand-out container.

Beth Levy, retired landscape and container designer, Garden Renaissance, Inc.
\$37 nonmember; members receive 20% discount
Tuesday, June 4, 7 – 9 p.m.
or
Wednesday, June 5, 10 a.m. – noon
Annex 2

Hanging Basket Workshop

Do you admire those fabulous hanging baskets you see at the Chicago Botanic Garden? Learn some tricks of the trade during a discussion of different styles, materials, and plant ideas used at the Garden. Maintenance tips will also be discussed. Then you'll plant your own wire and moss basket to enjoy at home. Bring gloves, if you prefer. All other materials are included in the fee.

Heather Sherwood, senior horticulturist, Chicago Botanic Garden
\$119 nonmember; members receive 20% discount
Wednesday, June 5, 6:30 – 8:30 p.m.
Annex 2

New! The Thorny Side of Roses

Roses are universally loved, but pests and diseases can temper the excitement of even the most passionate rose enthusiast. Tom Soulsby will review common rose pests and diseases and share tips on diagnosis and control. He will also dig deeper into how prevention, proper garden maintenance, and plant selection are the best first steps toward a healthy rose garden that resists pests and diseases before they take control.

Thomas Soulsby, horticulturist, Chicago Botanic Garden
\$37 nonmember; members receive 20% discount
Thursday, June 6, 6:30 – 8:30 p.m.
Linnaeus Room

Summer Containers at the Garden

Enjoy a tour featuring the summer containers at the Garden. Then prepare a warm-season mixed container suitable for a sun or partial-shade location. Your container may include annuals, perennials, herbs, and decorative foliage. Please bring gloves.

Nancy Clifton, program specialist, Chicago Botanic Garden
\$87 nonmember; members receive 20% discount
Thursday, June 20, 10 a.m. – noon or 6:30 – 8:30 p.m.
Annex 2

Perennial Garden Care and Maintenance

In this hands-on workshop, you will learn the fundamentals of good gardening techniques. Included will be organic and practical methods used to keep a perennial garden in peak condition. Learn how and when to deadhead, pinch back, stake, weed, fertilize, mulch and water, and to recognize and minimize some common pests and diseases. Dress for the weather, as part of the class may be outdoors.

Rachel Catlett, horticulturist
\$59 nonmember; members receive 20% discount
Tuesday, June 25, 9:30 a.m. – 12:30 p.m.
Annex 2

New! Herbs: Foliage and Flowers

Join Nancy Clifton as you learn the basics of herbs: how to grow, groom, harvest and store for the best flavor. Kitchen classics will be covered including basil, rosemary, thyme, sage, chives, and many others. The class will include a Garden walk and planting activity to take home. Bring a small box to carry your herbs home.

Nancy Clifton, program specialist, Chicago Botanic Garden
\$59 nonmember; members receive 20% discount
Tuesday, July 16, 10 a.m. – noon
Annex 2

Hands-on Gardening: Summer Pruning

Today's pruning of your trees and shrubs will define how they grow for years to come. Learn which cuts to avoid, which cuts are essential, and which cuts are a matter of your personal style. Class size is limited.

Sean Regan, grounds foreman, Chicago Botanic Garden
\$49 nonmember; members receive 20% discount
Saturday, July 20, 8 – 10 a.m.
Annex 1

Bucktown Fiesta in Rick Bayless's Garden and Restaurant

Be part of an unforgettable, behind-the-scenes experience. We'll start the morning by touring chef and host of the PBS television show *Mexico—One Plate at a Time* Rick Bayless's private organic garden with his professional gardener, Bill Shores. This 800-square-foot production garden not only supplies fresh herbs and vegetables to their restaurants but also serves as the set for many of the episodes filmed. Afterward, add some spice to the day by dining in Frontera Grill's private party room. Lunch will be a deliciously comprehensive spread of Mexican food created with gourmet herbs and organic vegetables, including appetizers, entrees, and desserts. Transportation is provided.

Bill Shores, professional gardener
\$187 nonmember, members receive 20% discount
Wednesday, July 31, 9:30 a.m. – 3 p.m.
Meet at Visitor Center



Join the Bucktown Fiesta on July 31 to see Rick Bayless's garden!

Hands-On Gardening: Mulching and Edging

Improper mulching can do far more harm to plants than not mulching at all. Learn how much mulch is enough, where to spread it, and the best material to use, as well as how to edge your garden for a professional look.

Sean Regan, grounds foreman,
Chicago Botanic Garden
\$49 nonmember; members receive 20% discount
Saturday, August 10, 8 – 10 a.m.
Annex 1

The Emerald Ash Borer: What You Need To Know

2013 Emerald Ash Borer Management Partnership

By now, you've likely heard about the emerald ash borer and the disastrous impacts the insect is having on trees throughout our region. But how can you identify an ash tree? And what—exactly—is this tiny insect doing to cause such a big problem? Join us for a no-nonsense look at the emerald ash borer. Using the Chicago Botanic Garden's multiple-phase emerald ash borer management plan as a case study, we'll consider what you can do to preserve your trees.

Tom Tiddens, Plant Health Care Supervisor,
Chicago Botanic Garden, and
Dan Klindera, District Manager, Autumn Tree,
a SavATree Company
Registration is free; register in advance to reserve
your space

Friday, August 16 or Saturday, August 17,
10 a.m. – noon
Linnaeus Room

*Registration fee is waived thanks to support
provided by Autumn-SavATree*

Tomato Canning Workshop

Join Nancy Clifton to learn the basics of how to can tomatoes. Learn how to make sauce, prepare salsas, relish and pickles all using tomatoes red and green! The water bath method will be used for this workshop. You will learn selection, tomato varieties, tools, and preparation methods for the various tomato-preserving recipes. You will prepare and can a pint of tomatoes for yourself in class. Wear comfortable clothes, close-toed shoes and please bring the following to class: a cutting board, paring knife, kitchen mitt, two kitchen towels, two bowls, medium size and small box to carry finished. Class is limited to ten students.

Nancy Clifton, program specialist,
Chicago Botanic Garden
\$90 nonmember, members receive 20% discount
Wednesday, August 28, 10 a.m. – 2 p.m.
Fruit & Vegetable Garden Kitchen



Take classes on how to grow and then can tomatoes.

Earth's Bounty: Organic Farm and Lunch Experience

We'll tour the organic farm at Loyola University's Retreat and Ecology Campus, then harvest some fresh, in-season produce that will be taken to resident chef Scott Commings. We'll use that produce in a cooking class demonstration where you'll work with the chef to create your lunch. We'll also include a tomato tasting of several organic heirloom tomatoes from both farms we're visiting today. After lunch, we're off to W&M Land Corp farm in Woodstock where you'll learn about crop rotation. This is a great escape from the everyday that will provide you with insight into the working modules at two local and sustainable farms. Transportation is on your own, and a map will be sent prior to the class.

Alex Tuchman, Loyola University Retreat and Ecology
Campus, and David Woodruff, W & M Land Corp
\$99 nonmember, members receive 20% discount
Thursday, August 29, 10 a.m. – 3 p.m.
Meet at Loyola University Ecological Center in
Woodstock, IL

Certificate Programs Information Session

FREE Information Session

Curious about our certificate programs? Want to learn how our programs can help you fulfill a dream, start a new career, or simply enjoy a new interest? Bring your questions to this FREE session. Programs covered: Ornamental Plant Materials, Professional Gardener, Garden Design, Midwest Gardening, and Botanical Arts. For questions on any of our other certificate programs, please contact the registrar's office at (847) 835-8261.

Register in advance to save your space!
Wednesday, August 21, 6:30 – 8 p.m.
Linnaeus Room

Herbs, From Outside In

Fresh herbs from the garden need not end as winter approaches. Join Nancy Clifton as she demonstrates techniques for moving your herb plants from the outside in. You will also learn about harvesting annual herbs and storing them to retain their flavor and fragrance. Please dress for the weather, as part of the class will be outdoors.

Nancy Clifton, program specialist,
Chicago Botanic Garden
\$37 nonmember; members receive 20% discount
Tuesday, September 3, 1 – 3 p.m.
Fruit & Vegetable Learning Center

Autumn Containers at the Garden

Take a Garden walk to view the Garden's fall containers. Then create a cool-season mixed container with a variety of plants suitable for a full-sun or partial-shade location. Your container may include annuals, perennials, herbs, decorative foliage, cool-season vegetables, ornamental grasses, a decorative vine, and gourds. Please bring gloves.

Nancy Clifton, program specialist,
Chicago Botanic Garden
\$87 nonmember; members receive 20% discount
Thursday, September 12, 10 a.m. – noon
or 6:30 – 8:30 p.m.
Annex 2

Back to Basics: Jelly and Jam

Learn how to make jelly and jam the old-fashioned way! Fruit selection, equipment, and methods will be discussed, and then the fun begins. You will start from the beginning and make your own jelly and jam. There are various recipes and methods, but we will use the water bath method to make a seasonal jelly and jam; you will take home one of each after a day in the kitchen. Wear comfortable clothes, close-toed shoes and please bring the following to class: a cutting board, paring knife, kitchen mitt, two kitchen towels, two bowls, medium-size and small boxes to carry finished product home, apron optional. Class is limited to ten students.

Nancy Clifton, program specialist,
Chicago Botanic Garden
\$90 nonmember, members receive 20% discount
Tuesday, September 24, 10 a.m. – 2 p.m.
Fruit & Vegetable Garden Kitchen

Winter Containers at the Garden

Explore the winter containers at the Garden and learn ways to extend your own containers into the winter season. Then prepare a container with fresh-cut evergreen boughs and berried or brightly colored branches. Please bring gloves and pruners.

Nancy Clifton, program specialist,
Chicago Botanic Garden
\$87 nonmember; members receive 20% discount
Thursday, December 5, 10 a.m. – noon
or 6:30 – 8:30 p.m.
Annex 2

HORTICULTURE CERTIFICATE PROGRAMS

Soils for the Gardener

OPC elective

Soil amendments are confusing. What to use, when to use? Organic or inorganic? For your beds, turf, or containers? We will look at carbon to nitrogen ratios; roles of different microorganisms in the soil; a discussion of succession to understand bacterial and fungal properties needed for optimal plant growth; the nitrogen cycle will be discussed along with soil organic matter; the relationship of plant roots to soil biology; and how to enhance nutrient cycling in your gardens for best growth of your plants. The School's CEUs= 0.3

Lynn Bement, organic gardening coach
\$74 nonmember; members receive 20% discount
Thursday, May 23, 9 a.m. – noon
Linnaeus Room

Viburnums

OPC elective

"A garden without viburnums is akin to life without music and art." —M. Dirr

Join Mark Zampardo in a walk and discussion about this terrific genus. Several types of viburnum do well in the Midwest and a few are native to our woodlands. The School's CEUs= 0.2

Mark Zampardo, Ph. D., horticulture educator
\$62 nonmember; members receive 20% discount
Wednesday, May 29, 6:30 – 8:30 p.m.
Design Studio

Mixed Borders

OPC elective

A garden doesn't have to be restricted to annual or perennial flowers. It can consist of perennials, annuals, bulbs, and trees and shrubs. Here's a look at how to design a beautiful mixed border plus advice on how to tend a bed when it's filled with so many different kinds of plants. The School's CEUs= 0.3

Janet Macunovich, garden designer and writer
\$74 nonmember; members receive 20% discount
Saturday, June 8, 9 a.m. – noon
Linnaeus Room

The Challenging Garden

OPC elective

Some places in the yard can cause a gardening migraine: they demand attention but refuse to cooperate when it comes to planting: under trees, in dry soil, in overly wet soil, in long narrow spaces, against walls. Here's your chance to gather ideas for what to plant, how to make it grow, and how to care for plants in such challenging places. The School's CEUs= 0.3

Janet Macunovich, garden designer and writer
\$74 nonmember; members receive 20% discount
Saturday, June 8, 1 – 4 p.m.
Linnaeus Room

Growing Vegetable and Herbs

MGC requirement

Whether you have a large garden plot or a cozy city lot, you will discover new vegetable and herb varieties and creative ways to integrate them into your landscape. Learn appropriate growing conditions, average planting times, effective harvesting procedures, as well as common diseases and pests. Please dress for the weather.

Lisa Hilgenberg, horticulturist,
Regenstein Fruit & Vegetable Garden
\$224 nonmember; members receive 20% discount
6 Tuesdays, June 18 – July 30, 6:30 – 8:30 p.m.
(no class July 2)
Fruit & Vegetable Classroom
Saturday, July 13, 9 a.m. – noon
off-site



Learn creative ways to integrate vegetables and herbs into your landscape.

Gardening Techniques: Session D

PGL 1, PGL 2, GDC requirement

Discover professional gardening through a combination of lecture and hands-on learning activities. Focus on acquiring solid gardening skills, learn about a variety of techniques, and develop the ability to determine best practices. Maintenance of annual plantings, watering, and fertilization techniques will be covered. Due to the compact nature of this course, students are only allowed one excused absence if they wish to complete for a grade.

Lynette Rodriguez, owner and horticulturist,
A Finer Touch
\$312 nonmember; members receive 20% discount
6 Saturdays, June 22 – August 3, 7:30 – 10:30 a.m.
(no class July 6)
Annex 2

Herbaceous Perennials

OPC, PGL 1, PGL 2, GDC requirement

Information presented in this course will focus on ornamental qualities, identification techniques, cultural practices, and landscape uses of more than 60 herbaceous perennials. Plants studied will include favorites such as astilbe and hosta, in addition to lesser-known plants including meadow rue and toad lily. Prerequisite: Botany 1.

Richard Hawke, plant evaluation manager,
Chicago Botanic Garden
\$287 nonmember, members receive 20% discount
7 Tuesdays, July 16 – September 10, 6:30 – 8:30 p.m.
(no class July 23, September 3)
Alsdorf Auditorium

Garden Walks (select one)
6 Thursdays, July 18 – August 29, 9 – 11 a.m.
(no class July 25, September 5)
or
6 Saturdays, July 20 – August 31, 9 – 11 a.m.
(no class July 27, September 7)
*Optional study CD \$20

Roof Deck Gardening

OPC elective

Love gardening and design but don't think you have the space? Come discover the possibilities of roof deck gardening! If you want to install a rooftop or balcony garden and need to know which plants to use, or want to properly care for an existing roof garden, this class will give you the tools to get going. The class will cover such topics as weight considerations, irrigation, materials, soil, suitable plants, design, and proper care. The School's CEUs=0. 2

Emily Shelton, horticulturist,
Chicago Botanic Garden
\$62 nonmember, members receive 20% discount
Tuesday, July 23, 6:30 – 8:30 p.m.
Plant Science Center Seminar Room

Plant Health 2

PGL 2, GDC requirement

Plant Health 2 will build upon Plant Health 1. There will be a series of in-depth pest walks in the field (insects, diseases, weeds, and animals). These walks focus on common landscape pests, monitoring techniques, pest identification, and management techniques. Other class topics include: site assessment, soil testing, fertilization, and understanding pesticides. Students will have the opportunity to design a basic plant healthcare program. Prerequisites: Botany 1, Plant Health 1, and Botany 2.

Tom Tiddens, plant healthcare supervisor and certified arborist, Chicago Botanic Garden; Kathie Hayden, manager, plant information service, Chicago Botanic Garden; and Peg Busard, plant information horticultural specialist, Chicago Botanic Garden
\$337 nonmember; members receive 20% discount
6 Mondays and 6 Thursdays, July 29 – September 12, 6:30 – 8:30 p.m.
(no class September 2, 5)
Plant Science Lab, Regenstein Center

Soil Basics, Intensive Session

MGC, PGL 1, PGL 2, GDC requirement

Soil is an irreplaceable natural resource that affects plant selection and growth. Learn to maintain healthy soil; use compost, fertilizers, soilless and potting mixes, and other amendments. Discover how water cycles through a garden and affects soils and plants. Begin to appreciate the circle of life within our soils.

Ellen Phillips, horticulture educator
\$337 nonmember; members receive 20% discount
3 Saturdays, September 7, 21, and October 5, 9 a.m. – 4 p.m.
(no class September 14, 28)
Annex 2

A Host of Golden Daffodils and More

OPC elective

Daffodils are among the cheeriest signs of spring. Whether you call them daffodils, narcissus, jonquils, or paperwhites, they are all members of the genus *Narcissus*. Learn how you can incorporate these into your landscape for a fall planting that will bring life to your winter landscape next season. The School's CEUs=0. 2

Jill Selinger, manager, continuing education,
Chicago Botanic Garden
\$62 nonmember, members receive 20% discount
Wednesday, September 11, 6:30 – 8:30 p.m.
Linnaeus Room

Botany 1

OPC, MGC, PGL 1, PGL 2, and GDC requirement

Why, botanically speaking, is a tomato a fruit? What is the difference between a fern and a moss? Come join us in Botany 1 to learn the answers to these questions and more! In this course we will explore subjects such as the importance of plants to our lives; plant taxonomy and classification; and the life cycles, distinguishing features, diversity, and identification of major groups of plants.

Richard D. Hyerczyk, botanist
\$337 nonmember; members receive 20% discount
6 Mondays and 6 Wednesdays,
September 16 – October 23, 2:30 – 4:30 p.m.
or
6 Mondays and 6 Wednesdays,
September 16 – October 23, 6:30 – 8:30 p.m.
Plant Science Lab, Regenstein Center

Conifers and Broad-leaved Evergreens

OPC, PGL 1, PGL 2, GDC requirement

This course covers more than 60 outstanding conifers and broad-leaved evergreens for the Midwest. Students will learn identifying characteristics, cultural requirements, and landscape uses of conifers and broad-leaved evergreens ranging from shrubby dwarfs to towering trees. Prerequisite: Botany 1.

Mark Zampardo, Ph.D., horticulture educator
\$287 nonmember; members receive 20% discount
7 Tuesdays, September 17 – October 29,
6:30 – 8:30 p.m.
Alsford Auditorium

Garden Walks (select one)
6 Thursdays, September 19 – October 24, 9 – 11 a.m.
or
6 Saturdays, September 21 – October 26, 9 – 11 a.m.
*Optional study CD \$20

Certificate Graduation

If you will be completing your certificate program, you must register with the adult education office to be considered for the 2013 Autumn Certificate Programs Graduation. Graduation will be held Friday, November 15, at 6:30 p.m. in the Linnaeus Room. Please register at www.chicagobotanic.org/school/certificate/graduation no later than October 15.



Discover the possibilities of roof deck gardening.

Nature Studies

Introduction to Bird-Watching

Two-session program

If you want to become a birder, join this class to learn the basics. On Thursday, you will learn about binoculars, how to use a field guide, and the field marks used to identify common birds of the Chicago area. During the Saturday bird walk, participants will try out their newly acquired skills. Bring binoculars, if you have them, and dress for the weather.

Jim Steffen, ecologist, Chicago Botanic Garden
\$74 nonmember; members receive 20% discount

Two-session program

Thursday, May 16, 6:30 – 9 p.m.

Annex 2

and

Saturday, May 18, 7:30 – 9 a.m.

Meet at McDonald Woods Entrance Shelter

Spaceship Earth: The Fragility of Our Planet

World Environment Day Keynote Panel Session

What do an astronaut, a garden, a zoo, and a planetarium all have in common? Join us for an inspiring discussion about planet Earth and climate change. Panel line-up includes Michelle Larson, Ph.D., president and CEO of Adler Planetarium; Col. David C. Hilmers, USMC (Ret.), M.D., E.E., M.P.H., former

NASA astronaut; Alejandro Grajal, Ph.D., senior vice president for conservation and education, and director of the Center for Conservation Leadership, Chicago Zoological Society; Pati Vitt, Ph.D., conservation scientist, Chicago Botanic Garden, and Susan and Roger Stone Curator, Dixon National Tallgrass Prairie Seed Bank; and Jennifer Schwarz Ballard, Ph.D., associate vice president of education, Chicago Botanic Garden.

\$12 nonmember; members receive 20% discount
Saturday, June 1, 10:30 a.m. – noon

Alsdorf Auditorium

Bird Walk: Summer Nesting Birds

Join us as we look for and study the nesting birds of the Garden. We'll spend time learning to identify the nesting birds' territorial songs, and look for evidence of nesting. Learn how to perform a nesting bird survey, and discover the wide variety of birds nesting in the Chicago area.

Alan Anderson, board member,
Chicago Audubon Society

\$19 nonmember; members receive 20% discount

Saturday, June 8, 7:30 – 9 a.m.

Meet at Visitor Center



Join other bird lovers as you discover the area's wide variety of birds.

Where Nature Comes Home

Learn how one residential association transformed their lawns into an unfolding and colorful array of stunning multi-season prairies, woodlands, and rain gardens. As a recipient of the 2011 Conservation and Native Landscaping Award, this condominium association was described on WTTW's *Chicago Tonight* as having "probably the most extensive native gardens of any residential complex in the Chicagoland area." This is an inspirational program for those who wish to create native, eco-friendly landscapes around their property to enhance biodiversity, aesthetic beauty, and environmental health.

Dennis Paige, habitat restorationist

\$37 nonmember; members receive 20% discount

Sunday, June 9, 1 – 3 p.m.

Linnaeus Room

Visit www.chicagobotanic.org/school/faculty for faculty biographies.

Chicago Botanic Garden members receive a 20 percent discount on classes.

Father's Day Canoe Adventure

How's this for a unique way to spend part of Father's Day? In partnership with Friends of the Chicago River, the Garden invites you to participate in a rare opportunity to canoe the lakes of the Chicago Botanic Garden. Bob Kirschner, the Garden's aquatic biologist, will paddle along and explain our nationally recognized program to restore and enhance the Garden's miles of lakeshore. Herons, ducks, small fish, and maybe even a few turtles and frogs will greet you as we explore their watery habitat. No experience with canoeing is necessary; instruction, canoes, life jackets, and paddles are all provided. Please choose one of the start times that are scheduled. You'll enjoy a full hour canoeing the lakes of Chicago Botanic Garden. Be sure to register early, as this event always sells out!

Saturday, June 15, 9 a.m., 11 a.m., or 1 p.m.

or

Sunday, June 16, 9 a.m., 11 a.m., or 1 p.m.

\$57 per person, members receive 20% discount

Children must be at least 5 years old to participate.

Maximum three participants per boat

Additional details upon registration

Recognizing Sedges in the Field

OPC elective

Many of the grasslike plants you encounter in native habitats in the Chicago region and elsewhere are not actually grasses. Although similar looking, they are members of an entirely different family of plants. In this course you will study *Carex*, the largest and most diverse genus of the sedge family. Learn about the taxonomy, structure, and ecology of this challenging group. This advanced course is for students who have already completed Botany I or are familiar with the use of taxonomic keys. Students must have a 10X loop hand lens and small millimeter ruler. Be prepared for walking in the woods; wear long sleeves and long pants, and bring insect repellent and sunscreen. You may wish to purchase a copy of *Field Guide to Wisconsin Sedges* by Andrew Hipp. Please bring a sack lunch. The School's CEUS=0.6

Jim Steffen, ecologist, Chicago Botanic Garden
\$124 nonmember; members receive 20% discount
Saturday, June 15, 9 a.m. – 4 p.m.
Linnaeus Room

Discover the Indiana Dunes

Beginning 15,000 years ago, thanks to the work of glaciers, wind, and water, the Indiana Dunes were formed. This National Lakeshore has one of the most diverse ecosystems in the National Park System. The flora and fauna of the dunes cover a wide spectrum of species and offer the Chicago area a rich treasure to experience. This class will provide an introduction of the natural and current history of the dunes and will prepare people to enjoy a visit, listing particular trails to explore.

John Raffetto, horticulturist
\$37 nonmember; members receive 20% discount
Thursday, July 11, 1 – 3 p.m.
Linnaeus Room

Evening Prairie Walk

Enjoy an informal yet informative walk through the Garden's Dixon Prairie. The evening hours provide a wonderful time to view the prairies, highlighting color and texture in a different light. The environmental and floristic characteristics that distinguish each of the six types of prairies will be emphasized. Please dress for the weather. A map will be sent.

David Sollenberger, seed conservation specialist and ecologist, Chicago Botanic Garden
\$19 nonmember; members receive 20% discount
Thursday, August 22, 6 – 7:30 p.m.
Meet at the Rice Plant Resource Center

Fall Bird Walk

Take a walk in the Garden and learn to identify birds in their sometimes-confusing fall plumage. Earlier bird walks will highlight warblers, vireos, and flycatchers, while later ones will feature ducks, sparrows, and hawks. Dress for the weather and bring binoculars and a field guide if you have them.

Alan Anderson, research committee chairman, Chicago Audubon Society
\$19, nonmember; members receive 20% discount
Saturday, August 24, 7:30 – 9 a.m.
Meet at Visitor Center

Introduction to Spiders and Their Ecology

It has been said that we are never more than a meter away from a spider, no matter where we are. Do you know that some spiders are only active in the middle of winter, under the snow? Do you know that spiders are an important component of the nutrient cycling process in all our native ecosystems? These are just some of the interesting facts you will learn about in this introductory class. You will learn how to survey spider populations, learn the most common groups of spiders in our area and methods and references for identifying them, and learn something about their ecology. Through slide presentation, microscope work, and a tour in the natural areas at the Garden, participants will be introduced to and learn how to identify the diverse spider fauna of oak woodlands and prairies. *How to Know the Spiders* by Barbara Kaston is the recommended text. Please dress for the weather.

Jim Steffen, ecologist, Chicago Botanic Garden
\$124 nonmember; members receive 20% discount
Saturday, September 7, 9 a.m. – 4 p.m.
Plant Science Lab, Regenstein Center

Prairie Plant Identification in the Field

Learn to identify individual prairie species and the most common plant families. After a brief discussion, Dave Sollenberger will lead you on a tour of the Garden's Dixon Prairie to view many of the plants in the field. There will be some instruction and practice using taxonomic keys, and good field guides will be recommended. Please dress for the weather and wear comfortable shoes to walk the prairie. A map will be sent.

Dave Sollenberger, seed conservation specialist and ecologist, Chicago Botanic Garden
\$74 nonmember; members receive 20% discount
Thursday, September 12, 8 a.m. – noon
Seminar Room, Plant Science Center

Enjoy the beauty of summer on an Evening Prairie Walk.

Visit www.chicagobotanic.org/school/faculty for faculty biographies.

Chicago Botanic Garden members receive a 20 percent discount on classes.



Garden Design

New! World's Fair Gardens – Shaping American Landscapes

You've read *Devil and the White City*; now find the devil in the delectable details of World's Fair gardens. Author Cathy Maloney will present an engaging overview of the groundbreaking gardens and landscapes of the major World's Fairs in the United States. Based on her book, *World's Fair Gardens*, Maloney will show how the horticultural innovations and landscapes of World's Fairs affect how we garden and enjoy our public spaces today. Chicago's World's Fairs will be highlighted. *World's Fair Gardens* will be available for purchase and signing.

Cathy Maloney, author and editor
 \$37 nonmember; members receive 20% discount
 Tuesday, July 23, 10 a.m. – noon
 Linnaeus Room

New! Four-Season Landscapes

Many gardens look beautiful in June or July, but what do they look like in September and on into the winter? Urban landscape designer Kim Kaulas will illustrate sites that are attractive year-round due to skillful planning of hardscape and plant material elements. Learn how to incorporate these ideas into improving your garden as a four-season landscape.

Kim Kaulas, garden designer, Kim Kaulas Inc.
 \$37 nonmember; members receive 20% discount
 Tuesday, September 10, 6:30 – 8:30 p.m.
 Linnaeus Room

GARDEN DESIGN CERTIFICATE PROGRAM

Hardscape Basics

PGL 2, GDC requirement

Apply knowledge and skills toward a working understanding of hardscape elements as they relate to garden design. Discussions and projects will focus on basic elements of hardscape structures, including paving, landscape lighting, garden walls and structures, and their application to landscapes. Prerequisites: Graphics, Introduction to Professional Practice, Principles of Garden Design.

Shawn Weidner, ASLA, designer, Hoerr Schaudt Landscape Architects
 \$337 nonmember; members receive 20% discount
 9 Thursdays, May 16 – July 18, 6:30 – 9 p.m.
 (no session July 4)
 Design Studio
 Saturday, June 1, 1 – 4 p.m.
 off-site

Expert faculty make Garden Design classes come to life.

Introduction to Grading and Drainage

PGL 2 and GDC requirement

Apply knowledge and skills toward a working understanding of basic grading and drainage concepts as they relate to design. Discussions and projects will include basic earth forms and drainage patterns in residential landscapes. Prerequisites: Graphics, Introduction to Professional Practice, Principles of Garden Design.

Jodi Mariano, RLA, senior associate, Teska Associates, Inc.
 \$337 nonmember; members receive 20% discount
 8 Wednesdays, June 12 – August 7, 6:30 – 9 p.m.
 (no session July 3)
 Design Studio
 2 Saturdays, July 13 and 20, 11 a.m. – 2 p.m.
 Plant Science Lab, Regenstein Center

Planting Design

GDC requirement

Apply knowledge and skills developed in previous design courses toward a working understanding of planting design. Weekly discussions and individual projects will focus on basic elements of planting design, including an understanding of color and texture, plant combinations, planting bed layout, installation techniques, and maintenance practices. Prerequisites: 4 OPC core courses, Graphics, Introduction to Professional Practice, Principles of Garden Design, and Hardscape Basics.

Shawn Weidner, ASLA, designer, Hoerr Schaudt Landscape Architects
 \$337 nonmember; members receive 20% discount
 9 Wednesdays, September 18 – November 13, 6:30 – 9 p.m.
 Design Studio
 2 Saturdays, October 19 and November 2, 11 a.m. – 2 p.m.
 Linnaeus Room

Graphics

PGL 2 and GDC requirement

Come learn the basic principles of landscape design illustration. This balanced and rewarding class provides an exciting introduction to the three basic areas of drawing communication: plans, elevations, and perspectives. Discover how to express your ideas using effective and enriched presentation techniques. Professional time-saving shortcuts, the importance of lettering, and the excitement of color are all also included.

R. Thomas Selinger, RLA, landscape architect, Martin and Associates
 \$337 nonmember; members receive 20% discount
 10 Thursdays, September 19 – November 21, 6:30 – 9 p.m.
 Design Studio
 2 Saturdays, 1 – 4 p.m.
 September 28 (Design Studio)
 October 19 (Plant Science Lab)

Certificate Graduation

If you will be completing your certificate program, you must register with the adult education office to be considered for the 2013 Autumn Certificate Programs Graduation. Graduation will be held Friday, November 15, at 6:30 p.m. in the Linnaeus Room. Please register at www.chicagobotanic.org/school/certificate/graduation no later than October 15.



Botanical Arts and Humanities

New! Painting Seasonal Vegetables in Watercolor – Level 1

Using colorful seasonal vegetables as inspiration, beginning students will have the opportunity to turn their love for vegetables into artworks. Internationally renowned botanical artist, Heeyoung Kim, will guide students at the beginning stage from quick base sketch, to composition, and basic watercolor painting, step-by-step. Painting simple leaves and/or roots will provide a wonderful start for experiencing watercolor botanicals. Discovering the amazing colors and shapes of these ordinary foods will enhance your sense of wonder, life, and art, and respect for nature. A level 2 class begins August 2.

Heeyoung Kim, botanical artist
\$312 nonmember; members receive a 20% discount
6 Fridays, June 7 – July 19, 1 – 4 p.m. (no class July 5)
Design Studio

Fiber Arts Workshops

Come learn how to felt while hearing stories of a knitter, shepherd, and small business owner! Natasha Lehrer of Esther's Place Fiber Arts Studio in Big Rock, Illinois, will share her love of fiber arts and will inspire you to create!

Register for both sessions at once and receive a ten percent discount.

New! Needle Felted Flower Pin Workshop

Learn how to create vibrant blends of colors, as well as shape and sculpt wool roving into flower pins! Enjoy the beauty of nature all year long as we walk you through the simple, fun techniques of needle felting. You'll be using hand-dyed, locally raised wools, keeping close to the natural beauty of the Garden's landscape.

Natasha Lehrer, fiber artist and educator,
Esther's Place
\$49 nonmember, members receive 20% discount
Tuesday, June 11, 10 – 11:30 a.m.
Linnaeus Room

New! Sushi Roll Bracelet Workshop

Roll colors into sushi-inspired beads as we wet felt our way into creating a bracelet! Choose from a wide array of lovely colors, roll them into intricate patterns and use soap, water, and bubble wrap to shrink into unique beads. We'll then use an assortment of accent beads to fashion a bracelet. Fun for anyone who loves distinctive jewelry—this will be a one-of-a-kind piece when we're all done!

Natasha Lehrer, fiber artist and educator,
Esther's Place
\$59 nonmember, members receive 20% discount
Tuesday, June 11, 12:30 – 3 p.m.
Linnaeus Room

Watercolor captures seasonal vegetables and foliage.

Adventure, Travel, Plein Air Painting!

Full-day Watercolor Workshop

Have you found yourself in some breathtaking location, clicking your camera, while thinking to yourself, "I should be painting this right now"? This class will build your confidence to capture the magical beauty of the great outdoors through plein-air painting. Whether you are a highly accomplished painter or just beginning, you will get helpful advice on technique, composition, and equipment. David Dallison will share his specific color palette and methods for building up a painting through composition, tone, color, and layering. In addition, you will learn how to develop a lightweight, portable system that will allow you to paint anywhere, anytime. Lunch is on your own.

David Dallison, professional artist
\$99 nonmember; members receive 20% discount
Saturday, June 15, 9 a.m. – 4 p.m.
or
Saturday, August 24, 9 a.m. – 4 p.m.
Meet at Visitor Center

New! Understanding Perspective Drawing

This class is designed for botanical artists, plant enthusiasts, and landscape designers everywhere. Learn the basic principles and disciplines of botanical, hardscape, and landscape perspective. This is a studio class punctuated with sessions in the field. Learn how to give authority to your sketches, drawings, and paintings with accurate dimensional perspective that give added realism to your work. Perspective is a lost art—here is your chance to find it and see what a difference it makes! A supply list will be sent.

Derek Norman, artist and director,
Midwest Center for Botanical Documentation
\$312 nonmember; members receive a 20% discount
6 Saturdays, June 15 – July 20, 1 – 4 p.m.
Design Studio

Beginning Landscape Watercolor

What could be a better spot to paint watercolor landscapes than the Chicago Botanic Garden? Beginners will learn various watercolor techniques, from washes to dry brush. Above all, we will relish the luxury of painting outside in the midst of such a stunning array of landscapes. A supply list will be sent.

Patsy Welch, artist and educator
\$237 nonmember; members receive 20% discount
6 Wednesdays, June 26 – July 31, 1 – 3:30 p.m.
Design Studio



Prairie Plant Wall Tile Workshop

Create a work of art for your garden with ceramic muralist, Janet Austin. Choose from a wide variety of native plants to press into a large clay slab. Then, with a clever process, add the plant's name. The delicate low relief is brought to life with a lovely verdigris glaze. Finished 8" x 10" pieces are high fired, strung with a leather cord, and ready to pick up in several weeks.

Janet Austin, artist
\$89 nonmember; members receive 20% discount
Tuesday, July 9, 10 a.m. – noon
Annex 2





Recycle your china in the Mosaic Workshop.

Mosaic Workshop

Discover the joy and beauty of mosaic art in the pique assiette tradition. Pique assiette, or “broken plates,” incorporates a wonderful blending of color, form, and texture. This mosaic folk art can be found in many cultures and is popular today as a way to recycle a favorite piece of china or broken heirloom. Work under the guidance of Bonnie Arkin to complete a unique mosaic from shards of china, ceramic, or glass. A supply list is given at the first class, but you can start collecting dishes now!

Bonnie Arkin, artist and designer
\$149 nonmember; members receive 20% discount
6 Tuesdays, July 9 – August 13, 7 – 9 p.m.
or
6 Tuesdays, August 20 – September 24, 7 – 9 p.m.
Annex 1

Watercolor: Painting the Natural World

This course addresses ways to express the beauty of nature in watercolor. Each week will focus on a specific technique, such as ways to mix greens or show natural textures, with a goal of a more satisfying painting experience. The last two weeks will focus on landscape techniques: how to use composition, color, and focus to create the impression of a beautiful natural place. A supply list will be sent.

Judith Joseph, artist and educator
\$254 nonmember; members receive 20% discount
6 Thursdays, July 11 – August 15, 12:30 – 3:30 p.m.
Design Studio

Rejuvenated Jewelry

Inspired by the little treasures you save and love, we will cleverly combine old and new elements to create spectacular jewelry. Bring your special and sentimental keepsakes, single earrings, buttons, charms, chains, family photos, and found objects and let Bonnie Arkin inspire your creativity. We can create wonderful new designs from vintage treasures. You will learn to solder, wire wrap, and string. Arkin has many examples to share and resources for treasure hunting. A supply list will be sent.

Bonnie Arkin, artist and designer
\$149 nonmember; members receive 20% discount
6 Thursdays, July 11 – August 15, 7 – 9 p.m.
or
6 Thursdays, August 22 – October 3, 7 – 9 p.m.
(no class September 5)
Annex 1

Farmers’ Market Bouquet at the Garden

Join Nancy Clifton to shop at the Chicago Botanic Garden Farmers’ Market for fresh cut flowers, learn how to prepare them for arranging, and then create your own design like a professional! You will purchase the flowers, and we will provide the space, mechanics, container, and guidance to create a floral masterpiece. Bring floral shears and a box to carry the completed arrangement.

Nancy Clifton, program specialist,
Chicago Botanic Garden
\$87 nonmember; members receive 20% discount
Sunday, July 21, 10 a.m. – noon
Plant Science Lab, Regenstein Center

Painting Seasonal Vegetables in Watercolor – Level 2

Using colorful seasonal vegetables as inspiration, students will have the opportunity to turn their love for vegetables into artworks. Internationally renowned botanical artist, Heeyoung Kim, will guide students step-by-step from a quick base sketch, to composition, and basic watercolor painting. Painting simple leaves and roots will provide a wonderful start for experiencing watercolor botanicals. Discovering the amazing colors and shapes of these ordinary foods will enhance your sense of wonder, life, and art, and respect for nature.

Heeyoung Kim, botanical artist
\$260 nonmember; members receive a 20% discount
5 Fridays, August 2 – 30, 1 – 4 p.m.
Design Studio

Botanical Art – Flower Painting in Gouache on Colored Paper

There is a rich tradition in the world of botanical art and illustration for painting in gouache. This studio class offers the chance to discover some of those forgotten traditions that have made this technique so satisfying and appealing to the botanical artist—both the accomplished and the beginner. Gouache (opaque watercolor) technique is ideal for botanical painting and for a looser, more interpretive approach. Students will work from botanical specimens to learn and observe the rhythms of natural botanical shapes and floral forms. A supply list will be sent.

Derek Norman, artist and director,
Midwest Center for Botanical Documentation
\$312 nonmember; members receive a 20% discount
6 Saturdays, August 3 – September 7, 1 – 4 p.m.
Design Studio

New! Learning to Draw – Understanding Botanical Composition

Gain an understanding and appreciation of the components that characterize fine botanical composition. In conjunction with drawing and painting botanical specimens, each student will explore how to use various compositional elements in their own work. Working in the medium of their choice, students will analyze and observe how best to compose, design, and execute their work for maximum impact. A supply list will be sent.

Derek Norman, artist and director,
Midwest Center for Botanical Documentation
\$312 nonmember; members receive a 20% discount
6 Wednesdays, August 7 – September 11,
9 a.m. – noon
Design Studio

Visit www.chicagobotanic.org/school/faculty for faculty biographies.

Chicago Botanic Garden
members receive a 20
percent discount on classes.

KURTIS CONSERVATION FOUNDATION

The Kurtis Conservation Foundation (KCF) has invited the Chicago Botanic Garden to offer courses set on the extensive grounds of the Foundation and at Mettawa Manor & Gardens, built in 1927 and now the part-time residence of Bill Kurtis and Donna LaPietra. KCF and Mettawa Manor offers 75 acres of land with formal gardens, woodlands, ponds, and prairie, giving students exciting and diverse learning experiences.

Avian Songs and Color at Mettawa Manor

Revel in the joys of early morning bird song as you search Mettawa Manor to listen and look for birds such as the eastern wood-pewee, red-eyed vireo, Baltimore oriole, and common yellowthroat, among many others. Early morning in spring and summer is the best time to hear birds as they begin their day establishing territories, choosing mates, and selecting nest sites. At least 100 bird species use this 75-acre property for feeding, resting, and breeding sometime during the year. Bring water, binoculars, and insect repellent; wear good hiking shoes; and dress for the weather.

Sheryl DeVore, author, *Birds of Illinois*, and chief editor, *Meadowlark*, journal of the Illinois Ornithological Society
 \$59 nonmember, members receive 20% discount
Sunday, June 9, 7 – 10 a.m.
 Mettawa Manor, Kurtis Conservation Foundation

Visit www.chicagobotanic.org/school/faculty for faculty biographies.

Chicago Botanic Garden members receive a 20 percent discount on classes.



The unforgettable setting of Mettawa Manor allows students to reflect on the beauty around them.

New! Drawing Poetry at Mettawa Manor

Spend a day outdoors drawing beautiful vistas and niches at Mettawa Manor, inspired by your favorite poetry. Each artist will choose a noteworthy view of Mettawa that reflects or adds to their poem(s). Students will spend time drawing at their individual sites and then gather together at lunchtime and at the end of the day for a reading of their poems/drawings. Students must bring poems, their choice of paper and drawing materials—colored pencils, watercolor pencils, charcoal, pastels, or pen and ink. Please dress for the weather and bring a refillable water bottle. Lunch will be provided.

Luanne Janikowski, scientific illustrator
 \$125 nonmember, members receive 20% discount
Friday, June 21, 10 a.m. – 3 p.m.
 Mettawa Manor, Kurtis Conservation Foundation

New! Herbs and More at Mettawa Manor

Join Nancy Clifton in this fun and relaxing hands-on workshop while surrounded by the beauty and serenity of Mettawa Manor. We'll spend the day working with herbal crafts for you to take home—like a beeswax candle in a mason jar, a fragrant herbal diffuser, and an herbal planter. We'll end the day enjoying herbal cookies and tea! Lunch will be provided, but please bring all other snacks and drinks you'll require for the day. A map will be sent prior to your workshop.

Nancy Clifton, horticulturist, Chicago Botanic Garden
 \$162 nonmember, members receive 20% discount
Wednesday, July 17, 10 a.m. – 2 p.m.
 Mettawa Manor, Kurtis Conservation Foundation

Consciousness and Nature Retreat at Mettawa Manor

Enjoy a state of relaxation and reconnecting with nature with activities like breathing exercises, gentle yoga, journaling, and meditation. Dress comfortably in weather-appropriate loose clothing and bring lots of water, as all activities will be outdoors. Bring a mat or chair. Lunch will be provided. A supply list and map will be sent prior to the program.

Steve Nakon, director, Whole Journey Northwest Yoga
 \$125 nonmember, members receive 20% discount
Friday, September 20, 10 a.m. – 3 p.m.
 Mettawa Manor, Kurtis Conservation Foundation

Scenic Photography Workshop at Mettawa Manor

Join nature photographer Jack Carlson as he conducts a workshop designed to expand your photographic horizons in this beautiful setting. The morning begins with orientation and a basic overview of photographic concepts after which students will be at liberty to capture images of autumn. In the afternoon the day's images will be presented and discussed. Students should have a working knowledge of their camera's controls and lens settings. Use of a tripod is strongly encouraged. Lunch will be provided, but please bring all other snacks and drinks you'll require for the day. Class limited to 10 students.

Jack Carlson, certified professional photographer
 \$125 nonmember, members receive 20% discount
Wednesday, October 2, 10 a.m. – 3 p.m.
 Mettawa Manor, Kurtis Conservation Foundation

GOURD ART WORKSHOPS

During one special weekend this fall, the Illinois Gourd Society will hold their state show at the Chicago Botanic Garden. Realize your own creativity as you take a workshop from quality, knowledgeable instructors who belong to the Illinois Gourd Society.

Gourd Art Workshop: Gorgeous Gourd Vessel

Always wanted to try your hand at gourd crafting? This is the class for you! Starting with a gourd that has been cleaned, dyed, and drilled, you will learn to coil with Danish cord and waxed linen to create a one-of-a-kind gourd vessel. Add yarn, feathers, and dried materials to the finished project. We will also discuss growing, cleaning, and dying of the gourds. This is a fun and exciting class and every gourd will be unique and different. All materials supplied. All levels welcome.

Sandy Bulgrin, artist, Illinois Gourd Society
\$50 nonmember, members receive 20% discount
Friday, September 13, 9 a.m. – noon
Annex 2

Gourd Art Workshop: Autumn Leaves

Students will select a cleaned gourd and transfer a beautiful leaf design onto it. We will add color and texture to the leaf designs using a variety of tools like a mini saw, wood burner, and some great new options. Students will create a wonderful fall motif. Come, enjoy and create! All supplies included, but please bring a wood burner or mini saw if you have one. All levels welcome.

Sandy Bulgrin, artist, Illinois Gourd Society
\$69 nonmember; members receive 20% discount
Friday, September 13, 1 – 4 p.m.
Annex 2

Gourd Art Workshop: Beginning Chip Carving

Come and make either a birdhouse or a bowl. Using a chip carving tool supplied by the instructor, learn how to create a unique S-shaped pattern around a gourd. This is a fun class! All levels welcome.

Lynn Quinn, artist, Illinois Gourd Society
\$59 nonmember; members receive 20% discount
Saturday, September 14, 1 – 4 p.m.
Plant Science Lab



Gourd Art Workshop: Beginning Rainsticks

Learn the basics of making a rainstick from snake gourds. The participants will learn how to position the lines for drilling the holes and how to insert and glue the sticks. Finishing surface techniques will be discussed. The instructors will furnish all materials. Please bring a cordless drill with a 7/64" bit if available.

Tom and Alisa Skinner, artists, Illinois Gourd Society
\$44 nonmember; members receive 20% discount
Saturday, September 14, noon – 3 p.m.
Annex 2

Gourd Art Workshop: Halloween Party Bowl

Students will create Halloween designs on a gourd of their choosing using colorful acrylic paints and simple painting techniques. A variety of gourds will be prepped, primed, and ready to paint. All necessary materials will be provided for use in class to produce a finished project. Class is for the beginning decorative painter, although all skill levels are welcome. Students may bring their own brushes if desired.

Sally Arnold, artist, Illinois Gourd Society
\$63 nonmember; members receive 20% discount
Sunday, September 15, 9 a.m. – noon
Annex 1

Gourd Art Workshop: Basics 101, the Beginning

Explore creating gourd art. Class will emphasize aspects of selecting safety gear, tools, materials, and methods available for cleaning, assembling, and finishing options for your gourd art. Crafting options and growing techniques will be discussed. Students will clean a dirty, moldy gourd to start their own project. Instructor will provide gourds, tools, supplies, and protective gear. Students should wear appropriate clothing for dusty work, including an apron or smock, and bring safety glasses. Bring your own mini jigsaw, if you have one.

Tom Bloore, artist, Illinois Gourd Society
\$44 nonmember; members receive 20% discount
Sunday, September 15, 9 a.m. – noon
Annex 2

Gourd Art Workshop: Basics 102, the Beginning

This class is part two of your gourd exploration. Students will use the gourd they started in Gourd Basics, 101 the Beginning, to apply a coiling technique on the rim of the gourd as they create their own unique piece. Please bring safety glasses and an apron or smock. Instructor will provide other needed materials including, tools, supplies, and other protective gear. Bring your own wood burner and rotary tool (Dremel), if you have them.

Thomas Bloore, artist, Illinois Gourd Society
\$59 nonmember; members receive 20% discount
Sunday, September 15, 1 – 4 p.m.
Annex 2

One-stop registration online.
It's so easy! Register for
classes, camps, kids'
programs, yoga, and more!



Student Botanical Arts Exhibition

BOTANICAL ARTS CERTIFICATE PROGRAM

Drawn from Nature: Seventh Annual Student Botanical Arts Exhibition

Get your paintbrushes ready and your pencils sharpened! Registration is now open for the 2013 student exhibition. All levels welcome, but you must register and submit your work by Wednesday, July 31, 2013.

Please visit www.chicagobotanic.org/school/exhibitions/botart_exhibition for complete details.

The Landscape in Pastel

ART elective or core course option for expressive track

In this workshop, we will use the versatile and workable medium of pastel to paint powerful, evocative landscapes. We will learn to combine and edit photographs to create original compositions emphasizing lighting, strong shapes, and values. All levels are welcome. The School's CEUs=1.2

Marlene Hill Donnelly, scientific illustrator, The Field Museum
\$187 nonmember; members receive 20% discount
4 Thursdays, June 6 – 27, 6 – 9 p.m.
Plant Science Lab, Regenstein Center

Outdoor Sketching

ART requirement

Learning how to make quick studies in the field is an important skill. You will gain the experience to create these sketches, complete with notes on field conditions, colors, plant measurements, and textures, for a complete work-up in the studio. Please dress for the weather. Folding chairs are provided. In case of inclement weather, the class will draw in the Greenhouses.

Priscilla Humay, freelance artist, CPSA
\$287 nonmember; members receive 20% discount
6 Saturdays, June 8 – July 20, 9 a.m. – noon
(no class July 6)
Design Studio

Portfolio: Presenting Your Artwork

ART elective

How you present yourself and your artwork is very important. Learn how to write a biography, a resume of exhibitions, and an artist statement. Photographing and reproducing artwork are also discussed. Please bring your portfolio and artwork for class activities. This class prepares students for the Botanical Art Certificate Program portfolio presentation. The School's CEUs=0.3

Derek Norman, artist and director, Midwest Center for Botanical Documentation
\$74 nonmember; members receive 20% discount
Tuesday, June 25, 6 – 9 p.m.
Design Studio

Labeling, Matting, and Framing

ART elective

Labeling, matting, and framing are all essential elements in completing and presenting your artwork. This class teaches students the various ways to label their botanical artwork and demonstrates matting and framing techniques in a range of styles from the traditional to the contemporary. Mats and frames will be available for practice. Please bring one completed artwork and a digital camera for class activities. The School's CEUs=0.3

Dawn Bennett, exhibitions and program production manager, Chicago Botanic Garden
\$74 nonmember; members receive 20% discount
Monday, July 15, 6 – 9 p.m.
Linnaeus Room

Watercolor 1

ART requirement

Students will build skills, starting with basic color mixing and paint-handling exercises. Students will progress to rendering textures and form in color and using paint-layering techniques to achieve a naturalistic style.

Nancy Halliday, freelance artist and naturalist
\$287 nonmember; members receive 20% discount
6 Tuesdays, July 16 – August 20, 6 – 9 p.m.
Design Studio

Botany for Botanical Artists

ART requirement

This class is designed with the botanical artist in mind. The focus will be on the visual aspects of botany rather than the study of internal features and processes. This class will distill the terminology of botanists into an understandable and useful form. Lectures and demonstrations will explore vascular plant parts including flowers, stems, leaves, and roots.

Richard D. Hyerczyk, botanist
\$224 nonmember; members receive 20% discount
5 Wednesdays, July 24 – August 28, 6 – 9 p.m.
(no class August 7)
Plant Science Lab, Regenstein Center

Painting the Flowers of Summer, Watercolor on Vellum

Visiting Artist Program

ART elective

After a brief background discussion of vellum, Carol Woodin will demonstrate how to stretch vellum over a panel. Then we'll begin preliminary sketches of our chosen daylily in the garden, followed by cutting our subject to bring into the classroom. We'll devote the remainder of our time to perfecting the techniques of painting in watercolor on vellum. Through discussion, demonstration, and practice we'll learn to transfer preliminary drawings, clean and refine the drawing before painting, and build color through transparent layering. Using many layers of dry brush watercolor will help the artists to build fresh but rich color, and create believable form and well-observed detail. These techniques provide additional latitude in watercolor whether working on vellum or paper. Each artist will have a painting substantially advanced by the end of the workshop. The School's CEUs=1.95

Carol Woodin, artist and instructor
\$499 nonmember; members receive 20% discount
Friday, Saturday, Sunday, July 26 – 28,
9:30 a.m. – 4:30 p.m.
Design Studio

Pen and Ink 2

ART requirement, traditional track

This studio class will cover advanced pen-and-ink techniques and composition in botanical documentation and illustration. We will draw advanced plant forms and their parts under the microscope, developing sound linear and tonal concepts, communicating accurate botanical information, and learning the aesthetics of botanical drawing and composition. Students will work using both a crow quill (dip pen) and technical drawing pens. Prerequisites: Botanical Drawing 1, Pen and Ink 1.

Derek Norman, artist and director, Midwest Center for Botanical Documentation
\$287 nonmember; members receive 20% discount
6 Mondays, July 29 – September 9, 6 – 9 p.m.
(no class September 2)
Design Studio

Microscope and Botanical Dissection Workshop

Visiting Artist Program
ART elective

Learn to recognize and become familiar with parts of flowers by dissecting, observing, and drawing them while looking through microscopes. Scientific accuracy in your artistic depiction of plants is a very important part of botanical art. In this botany class you will study flowers and inflorescences. Each student will receive a dissection kit. The School's CEUs=0.65

Mary Bauschelt, artist and instructor
\$149 nonmember; members receive 20% discount
Saturday, August 3, 9:30 a.m. – 4:30 p.m.
Plant Science lab, Regenstein Center

Black and White Stippling Workshop

Stippling with both black and white ink delivers a drawing that is strong, dramatic, and relatively fast. The technique is closely related to Scratchboard (a surface especially appropriate for hairy or furry subjects) that students may also use in class. We will first create an effective Notan or value map to guarantee a striking final drawing. The School's CEUs=1.2

Marlene Hill Donnelly, scientific illustrator,
The Field Museum
\$174 nonmember; members receive 20% discount
2 Sundays, August 11 and 18, 9:30 a.m. – 4 p.m.
Design Studio

Botanical Drawing 1, Fall Session

ART requirement

Strong drawing is the cornerstone of botanical art. In this class, we will work in pencil covering the fundamentals of proportions, line, tone, dimensionality, and expression. We will work from live specimens, flowers, seeds, and fruit.

Marlene Hill Donnelly, scientific illustrator,
The Field Museum
\$349 nonmember; members receive 20% discount
8 Tuesdays, September 10 – October 29, 6 – 9 p.m.
Design Studio

Open Studio

ART elective

This studio class is open to all levels and will feature a short lecture and demonstration each week illustrating a principle that pertains to all media. Select plant materials will be provided for the session. The studio will remain open until 4 p.m. for registered participants. The School's CEUs=1.8

Marlene Hill Donnelly, scientific illustrator,
The Field Museum
\$212 nonmember; members receive 20% discount
6 Sundays, September 15 – October 20,
9:30 a.m. – 12:30 p.m.
Design Studio

English Watercolor Techniques

ART requirement, traditional track

Using live plant materials, students build upon techniques learned in Watercolor I. Emphasis is on realistic portrayal of botanical subjects and traditional methods of dry brush watercolor painting, with attention to detail and color accuracy. Demonstrations and individual instruction will be given. Prerequisites: Botanical Drawing 1, Color Mixing, and Watercolor 1.

Nancy Halliday, freelance artist and naturalist
\$287 nonmember; members receive 20% discount
6 Mondays, September 23 – October 28, 6 – 9 p.m.
Design Studio



Certificate Graduation

If you will be completing your certificate program, you must register with the adult education office to be considered for the 2013 Autumn Certificate Programs Graduation. Graduation will be held on Friday, November 15, at 6:30 p.m. in the Linnaeus Room. Please visit www.chicagobotanic.org/school/certificate/graduation to register no later than October 15.

Photography

Focusing on Nature: Third Annual Student Botanical Photography Exhibition

August 23 – September 29

Opening Reception
Friday, August 23, 6 – 8 p.m.
Joutras Gallery, Regenstein Center

The exhibition features outstanding works by students of the Regenstein School photography classes. Visit www.chicagobotanic.org/school/exhibitions/photo_gallery.php for images from the 2012 show.

New! Tram Photo Safari

Grab your camera and join us on this first-ever photo safari to often unexplored areas of the Garden. First, join Jack Carlson, Garden instructor and tram driver, for photo tips and information. We will then board the tram and travel to the 100-acre oak ecosystem of the Mary Mix McDonald Woods, followed by the 15-acre Dixon Prairie Preserve with such photogenic areas as Marsh Island and the dunes. Enjoy individualized photo instruction along the way. Digital or film cameras only. Tripod strongly suggested. Please pencil in June 15 as a rain date.

Jack Carlson, professional photographer
\$99 nonmember; members receive 20% discount
Saturday, June 8, 8 a.m. – noon
Meet in Boyer Room

New! Garden and Travel Photography

Wherever your travels take you, the best souvenirs of your trip are photographs of the buildings and gardens you visit. Photographing both hardscapes and plant material together often presents a challenge. Learn how light, angle, focus, and time of day can be used to optimize your time and your pictures. Classes will be held at the Garden and other area locations. Prerequisite: Beginning Photography class or general camera competence. Requirements: Digital camera (no tablets or cell phones, please) and tripod strongly encouraged.

Jack Carlson, professional photographer
\$225 nonmember; members receive 20% discount
4 Tuesdays, July 2 – 23, 9 a.m. – noon
Design Studio

Classes are subject to change.
For the most current listings visit
www.chicagobotanic.org/school.

FOCUS ON PHOTOGRAPHY CERTIFICATE PROGRAMS (FPC)

Abstracts in Nature – Summer

FPC elective

This intermediate class will be spent applying photographic techniques to create a portfolio of abstract fine art photographs. You will go beyond nature as reality and learn to see the outdoors in patterns. Using design concepts, students will craft creative images with a mood and message. A review of technical SLR tools, in addition to developing your creative eye, will help you capture abstracts of your very own. Class will include lecture, critique, and time in the Garden. The School's CEUs=1.2

Dianne Kittle, fine art photographer
\$212 nonmember; members receive 20% discount
6 Mondays, June 10 – July 15, 10 a.m. – noon
Design Studio

Basics of Editing – Photoshop 1

FPC requirement option

The Chicago Botanic Garden is a spectacular place to take photographs. Make your photographs even better with Adobe Photoshop Elements—a user-friendly photo editor that uses the same concepts as the full version of Photoshop. Learn how to make your images better through the use of selection tools, layers, and smart brushes. Play with some artistic options that can inspire abstractions. Requirements for the course are a laptop computer with Adobe Photoshop Elements or Adobe Photoshop CS5 installed and a digital camera.

Iris Allen, freelance photographer and instructor
\$187 nonmember; members receive 20% discount
4 Mondays, June 17 – July 8, 1 – 3:30 p.m.
Design Studio

New! Basics of Editing – Aperture 1

FPC requirement option

Aperture 3 is the next logical step for photographers still using iPhoto. Aperture is a professional-grade processing software designed by Apple to help photographers manage and edit their images with a higher level of control and expression. In this course, you will learn Aperture 3 setup, workflow, file management, processing, and image exporting. You'll also learn to tag, name, size, and sharpen your images. By the end of this course, you will have taken control of the organization and archiving of your photos, and have the skills to create your own processing workflow in Aperture 3. A personal laptop with Aperture 3 installed is required.

Kevin Malella, fine art/commercial photographer
\$187 nonmember; members receive 20% discount
4 Tuesdays, June 18 – July 9, 1 – 3:30 p.m.
Design Studio

Basics of Editing – Lightroom 1

FPC requirement option

Adobe Photoshop Lightroom 4 is professional-grade processing software designed to help photographers manage and edit their images. In this course, you will learn Lightroom 4 setup, workflow, file management, processing, and image exporting. You'll also learn to tag, name, size, and sharpen your images. A personal laptop with Adobe Photoshop Lightroom 4 installed is required, or you may choose to download the 30-day free trial of Lightroom from Adobe's website on the first day of class.

Sarah Postma, professional photographer
\$187 nonmember; members receive 20% discount
4 Wednesdays, July 10 – 31, 9:30 a.m. – noon
Design Studio

Basics of Editing – Photoshop 2

FPC elective

Take the next step and learn even more about Adobe Photoshop. This more advanced class will further your knowledge of selections and layers, allowing you to do some serious photo enhancement and manipulation. We will tackle some interesting projects such as black-and-white with color accents, old photo restoration, and abstract art creation. Requirements for the course are a laptop computer with Adobe Photoshop Elements or Adobe Photoshop CS5 installed and a digital camera. Prerequisite: Photoshop 1, or approval of instructor. The School's CEUs = 1.0

Iris Allen, freelance photographer and instructor
\$187 nonmember; members receive 20% discount
4 Mondays, July 15 – August 5, 1 – 3:30 p.m.
Design Studio

New! Basics of Editing – Aperture 2

FPC elective

In this course, you will polish your editing workflow, file management, and increase your processing skills in Apple's Aperture 3. You'll also learn to create slideshows, map the locations of your images, utilize the facial recognition built into the program, and publish your images to social media and websites directly from Aperture. By the end of this course, you will have created customizations and workflow changes in your copy of Aperture 3 that will take your image processing to the next level. A personal laptop with Aperture 3 installed is required. Prerequisite: Aperture 1, or approval of instructor. The School's CEUs=1.0

Kevin Malella, fine art/commercial photographer
\$187 nonmember; members receive 20% discount
4 Tuesdays, July 16 – August 6, 1 – 3:30 p.m.
Design Studio

Photographing Summer Scenes

FPC elective

Learn how to capture the natural beauty and colors of the Garden in summer. Perspective, composition, and light control techniques will be discussed in the classroom. These concepts will then be put into practice as students capture images in selected areas of the Garden. This class is designed for students who have completed a beginning photography course or have an understanding of their camera controls. A camera is required and a tripod is recommended. You'll bring home wall-worthy images of summer at the Chicago Botanic Garden in its profusion of color and light. Prerequisite: Beginning Digital Photography. Tripod use is strongly encouraged. The School's CEUs=1.2

Jack Carlson, professional photographer
\$225 nonmember; members receive 20% discount
4 Fridays, July 19 – August 9, 8 – 11 a.m.
Design Studio

New! Art Fair & Exhibition Framing Workshop

FPC elective

Learn how to frame your photographs for an exhibition, plus how to go about applying for and preparing for an art fair. This workshop will also include a look at pricing, exhibiting your work, and setting up a booth. Please bring one 8" x 10" photograph that you will mat and frame in class. Material cost is included in the fee. The School's CEUs=0.3

Tobin Fraley, photographer
\$79 nonmember; members receive 20% discount
Saturday, July 20, 9 a.m. – noon
Linnaeus Room

Botany for Botanical Artists

FPC elective

See page 62.

Richard D. Hyerczyk, botanist
\$224 nonmember; members receive 20% discount
5 Wednesdays, July 24 – August 28, 6 – 9 p.m.
(no class August 7)
Plant Science Lab, Regenstein Center



Master garden photographer Allen Rokach helps students improve their images.

SPECIAL ENGAGEMENT

How I See a Garden: The Delights of Garden Photography

Creating exciting flower photos means breaking habits of seeing. This lecture and audio-visual presentation will show you how to expand your imagination by looking at flowers and gardens in fresh and unusual ways.

Allen Rokach, master garden photographer
\$37 nonmember; members receive 20% discount
Sunday, July 28, 7 – 9 p.m.
Linnaeus Room



Focus on Flowers—Discover the Beauty in Flowers and Gardens:

FPC elective

Digital imaging has revolutionized photography and liberated photographers. Join master photographer Allen Rokach in this intensive two-day workshop as he guides you through the fascinating world of digital photography. In this innovative workshop, master photographer Allen Rokach will guide you to the limitless possibilities of digital garden and floral photography, which is both fascinating and endlessly challenging. Through a combination of illustrated lectures, field photography, review sessions, and demonstrations of after-capture techniques, Rokach will share his expertise and long experience creating exciting images of flowers and gardens. Day two will focus on creative after-capture techniques using Photoshop to maximize the impact of images, primarily through the use of color. Rokach will offer suggestions for improving your images, including the use of after-capture techniques that can help you transform competent images into truly great ones. Lunch is on your own. Students must bring their digital cameras and laptops for the field and review sessions. Registration includes the July 28 lecture. The School's CEUs = 1.8

Allen Rokach, master garden photographer
\$374 nonmember; members receive 20% discount
Monday & Tuesday, July 29 & 30, 7 a.m. – 6 p.m.
Linnaeus Room

Business Techniques for Flower and Garden Photographers

FPC elective

Is it possible to turn your love of flower and garden photography into a viable career path? Yes, provided you have a clear understanding about how to turn your passion into a business. This one-day intensive workshop will outline the techniques and strategies that will help aspiring professional photographers start and build their business. Allen Rokach will give participants valuable insights using his own success over nearly 40 years in the field, plus interviews with local experts in their photography-related fields. The workshop will cover topics such as marketing your skills and your work, creating a portfolio, developing clients and getting assignments, pricing your work, working with photo editors and art directors, creating a web presence, legal considerations, and more. The School's CEUs = 6

Allen Rokach, master garden photographer
\$99 nonmember; members receive 20% discount
Wednesday, July 31, 9 a.m. – 4 p.m.
Linnaeus Room

Beginning Digital Photography

FPC requirement

This course will help beginners and enthusiasts grasp the techniques and principles of photography. Participants will explore the basics of photography, including image composition rules, how the camera works, the functions of lens aperture and shutter speed, proper exposure, and some minimal photo processing. By the end of class, participants will be confident in using their camera's manual settings. Course requires a digital SLR camera. No previous experience required.

Jack Carlson, professional photographer
\$225 nonmember; members receive 20% discount
4 Saturdays, August 3 – 24, 9 a.m. – noon
Design Studio

The Fine Art Water Portfolio

FPC elective

Water, the essence of life, will be our canvas for creating artistic images. With your SLR on Shutter Speed Priority, we will freeze patterns of design formed by water. You will learn to isolate images reflecting from water's surface. Using slow shutter speed, polarizers, and neutral density filters, you will direct your camera to paint works of water art. Students will be given the opportunity and direction to develop a fine art portfolio worthy of exhibition or BLURB Book. Class will include lecture, critique, and time in the Garden. The School's CEUs = 1.2

Dianne Kittle, fine art photographer
\$212 nonmember; members receive 20% discount
6 Mondays, August 19 – September 30,
10 a.m. – noon (no class September 2)
Design Studio

Wellness & Fitness

Meditation Walk: The Cycles of Life

What better way to enjoy the spring weather and nourish your spirit at the same time than an early morning meditation walk at the Chicago Botanic Garden? Come prepared to relax and renew as we slowly walk around the Great Basin, making four stops for guided meditation with accompanying music. The four life-cycle images we will focus on are creation/birth, growth, pain and loss, and new life. Each image will be linked to our own life experiences, and you will have private time to contemplate, journal, wander, and breathe. This event will take place rain or shine as we can utilize covered spaces if needed.

Mary Ann Spina, teacher, writer, and counselor
\$25 nonmember; members receive 20% discount
Saturday, May 18, 8 – 10 a.m.
Meet at Visitor Center

New! Reiki for You

Reiki is a complementary healing practice that can be used for self-care as well as care of others. Reiki is helpful in promoting relaxation, managing stress, and enhancing one's overall health and sense of well-being. Reiki works holistically to bring balance to the body, mind, and spirit. In this two-class series, you will learn about working with reiki and how to offer reiki to yourself every day. Completion of both classes is required to receive your Level I certificate.

Jane Van De Velde, DNP, RN, is the founder and president of The Reiki Share Project
\$187 nonmember; members receive 20% discount
2 Thursdays, June 20 & June 27, 1 – 5 p.m.
Linnaeus Room

Fitness Walks

Maximize the benefits of walking for exercise by learning about proper posture, muscle strengthening, and stretching. The Chicago Botanic Garden's outdoor environment is a unique alternative to a health club, offering fresh air and a place where beautiful scenery changes weekly. All fitness levels are accommodated. Dress for the weather; wear comfortable clothing and walking shoes. The incremental multi-session pass allows the walker to choose which sessions to attend during the season.

Esther Gutiérrez-Sloan, certified personal trainer and president, SALSAratics, Inc.

# of Sessions	Nonmember Fee
(members receive 20% discount)	
4 Sessions	\$63 nonmember
8 Sessions	\$119 nonmember
12 Sessions	\$166 nonmember
16 Sessions	\$199 nonmember
Season Pass	\$337 nonmember
Drop-in Rate	\$15

Saturdays, April 6 – November 16, 8 – 9 a.m.
Meet in Visitor Center

TAI CHI CLASSES

Tai chi's fluid movements make the Chicago Botanic Garden an ideal location for classes. People of all ages and physical conditions can learn these movements. Tai chi is best practiced in loose clothing and stocking feet or comfortable flat shoes. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden. One-time class trial fee: \$20.

Tai Chi 101

This course will introduce students to Sun-style and Yang-style tai chi chuan. We will focus on basic principles to improve your balance and relaxation, and also increase your range of motion and reduce stress. This class of gentle movements is recommended for beginners and provides you with a solid foundation for choosing future studies. No previous tai chi experience is required, and all are welcome.

Gordon Lock, instructor
\$165 nonmember; members receive 20% discount
Summer session:
10 Wednesdays, June 5 – August 14 (no class July 3),
8 – 9 a.m.
Fall session:
10 Wednesdays, September 18 – November 20,
8 – 9 a.m.
Burnstein Hall

Tai Chi: Traditional Yang-Style Long Form

This course continues with in-depth study of the Yang style. Some qigong exercises, such as the Eight Pieces of Brocade, will also be practiced. In session we will emphasize the ABCs—alignment, breathing, and concentration. Tai Chi 101 or some tai chi experience is recommended.

Gordon Lock, instructor
\$165 nonmember; members receive 20% discount
Summer session:
10 Wednesdays, June 5 – August 14 (no class July 3),
9:15 – 10:15 a.m.
Fall session:
10 Wednesdays,
September 18 – November 20,
9:15 – 10:15 a.m.
Burnstein Hall

Tai Chi: Traditional Sun-Style Long Form

This course continues with in-depth study of the Sun style. Some qigong exercises, such as the Eight Pieces of Brocade, will also be practiced. In session we will emphasize the ABCs—alignment, breathing, and concentration. Tai Chi 101 or some tai chi experience recommended.

Gordon Lock, instructor
\$165 nonmember; members receive 20% discount
Summer session:
10 Thursdays, June 6 – August 15 (no class July 4),
8 – 9 a.m.
Fall session:
10 Thursdays, September 19 – November 21,
8 – 9 a.m.
Burnstein Hall

Simplified Yang-Style Tai Chi Chuan

We will practice all 24 postures of tai chi chuan and the technique for each movement will be discussed. The routine may be completed in less than ten minutes. Members will build a solid foundation for balance and coordination. Qigong exercises will also be introduced to improve overall fitness.

Gordon Lock, instructor
\$165 nonmember; members receive 20% discount
Summer session:
10 Thursdays, June 6 – August 15 (no class July 4),
9:15 – 10:15 a.m.
Fall session:
10 Thursdays, September 19 – November 21,
9:15 – 10:15 a.m.
Burnstein Hall



YOGA CLASSES

Yoga is an ancient practice that unites body, mind and spirit. For all sessions, wear comfortable clothing (sweats, shorts, or yoga pants) with socks or bare feet. Yoga mats are required. It is also suggested that you bring a towel with you, as well as a sweatshirt for cool-down. All yoga classes last approximately 75 minutes. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden. One-time class trial fee: \$20.

New! Yoga Master Class

This class is designed for the student who is looking for a deeper understanding of the principles of movement and alignment. Join us for engaging practices in a welcoming, accepting, and encouraging environment. Be ready to explore your whole body through carefully designed sequences, gaining understanding of movement in more depth and detail. Don't miss the opportunity to emerge from this experience with a new knowledge set, a deeper understanding of your practice, and a stronger relationship with your essential self. Class size is limited so sign up soon.

Steve Nakon, director, Whole Journey Northwest Yoga
 \$125 nonmember, members receive 20% discount
 5 Fridays, October 4 – November 1, 9 – 10:30 a.m.
 Linnaeus Room

Gentle Yoga

A series of yoga poses and breathing exercises designed and adapted for a tranquil, relaxing yoga experience. In this course, we will take a gentle, restorative approach to the practice. All students are welcome. Come and enjoy a sense of peace and balance.

Steve Nakon, director, and Patricia Nakon, co-director, Whole Journey Northwest Yoga
 Summer session:
 \$135 nonmember, members receive 20% discount
 8 Mondays, June 24 – August 12, 9 – 10:15 a.m. or 5:15 – 6:30 p.m.
 Fall session:
 \$170 nonmember; members receive 20% discount
 10 Mondays, September 9 – November 11, 9 – 10:15 a.m. or 5:15 – 6:30 p.m.
 Boyer Room

Visit www.chicagobotanic.org/school/faculty for faculty biographies.

Chicago Botanic Garden members receive a 20 percent discount on classes.



Introductory Yoga

A course for the newer student focusing on yoga movement and breathing basics. We will investigate how the principles of yoga help support health and well-being. All are welcome. Join us as we explore the yoga basics.

Steve Nakon, director, Whole Journey Northwest Yoga
 Summer session:
 \$135 nonmember, members receive 20% discount
 8 Wednesdays, June 26 – August 14, 5:15 – 6:30 p.m. or 7 – 8:15 p.m.
 Fall session:
 \$170 nonmember; members receive 20% discount
 10 Wednesdays, September 11 – November 13, 5:15 – 6:30 p.m. or 7 – 8:15 p.m.
 Boyer Room

Yoga Flow Beginner

The Yoga Flow series combines movement linked to the breath, working the body and engaging the mind. A moderately challenging course for students with some yoga experience.

Steve Nakon, director, Whole Journey Northwest Yoga
 Summer session:
 \$135 nonmember, members receive 20% discount
 8 Tuesdays, June 25 – August 13, 9:15 – 10:30 a.m. or 6 – 7:15 p.m.
 Fall session:
 \$170 nonmember; members receive 20% discount
 10 Tuesdays, September 10 – November 12, 9:15 – 10:30 a.m. or 6 – 7:15 p.m.
 Boyer Room

Yoga Flow Intermediate

The Yoga Flow series combines movement linked to the breath, working the body and engaging the mind. A more exhilarating, challenging Flow series. For students who have taken Beginner Flow or have comparable experience.

Steve Nakon, director, Whole Journey Northwest Yoga
 Summer session:
 \$135 nonmember, members receive 20% discount
 8 Tuesdays, June 25 – August 13, 8 – 9:15 a.m.
 Fall session:
 \$170 nonmember; members receive 20% discount
 10 Tuesdays, September 10 – November 12, 8 – 9:15 a.m.
 or
 Summer session:
 \$135 nonmember, members receive 20% discount
 8 Thursdays, June 27 – August 15 (no class July 4), 9 – 10:15 a.m. or 6 – 7:15 p.m.
 Fall session:
 \$170 nonmember; members receive 20% discount
 10 Thursdays, September 12 – November 14, 9 – 10:15 a.m. or 6 – 7:15 p.m.
 Boyer Room

Gentle Yoga and Meditation

All levels of fitness and experience are welcome in this class, which will include meditative movement and contemplative stillness. We will focus on the breath and relieving stress.

Steve Nakon, director, Whole Journey Northwest Yoga
 \$170 nonmember; members receive 20% discount
 10 Wednesdays, September 11 – November 13, 9:15 – 10:30 a.m.
 Linnaeus Room