



Joseph Regenstein, Jr. School

Adult Education

An extensive schedule provides a wealth of choices. Instruction by Garden staff and other experts ensures that every class, workshop, or symposium is an exceptional learning experience.

Knowledge of Japanese Cultures Blossoms under the Tutelage of Watters and Priest

Ivan Watters, curator of the Chicago Botanic Garden's renowned bonsai collection, has studied the art of bonsai for more than five decades, and has worked for more than 20 years with revered bonsai master Susumu Nakamura in Japan. A sought-after instructor, Watters has taught classes at the Joseph Regenstein, Jr. School of the Chicago Botanic Garden and nationwide for more than 30 years.

Tim Priest, known as the "stone guru," has been collecting suiseki (naturally formed stones that depict the natural world) for eight years and carving custom diazas (bonsai stands) for five. Crafting these pieces is a labor of love, much as is caring for bonsai themselves. Priest has taught at the Garden and throughout the Midwest for several years.

See pages 9 and 34 for a listing of workshops taught by Watters and Priest; for more information and to register, visit www.chicagobotanic.org/school.

Study with the master! Ivan Watters teaches all levels of bonsai classes to Garden students.



Highlights

Certificate Programs Information Session

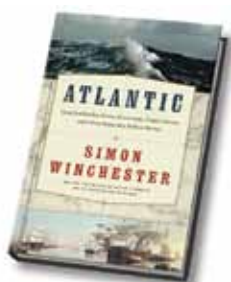
FREE Information Session
Monday, March 5
See page 42.



Garden instructors such as Tom Selinger, Graphics, bring real-world experience to their classes.

Simon Winchester Book Signing & Lecture

Atlantic: Great Sea Battles, Heroic Discoveries, Titanic Storms, and a Vast Ocean of a Million Stories
Thursday, November 10
See page 33.



“Know Maintenance” Perennial Gardens with Roy Diblik

Wednesday, February 8
See page 47.

New! Pop-Up Flowers of the Midwest: Intermediate

Friday, February 10
See page 53.



Merry, Berry Wreath

Tuesday, December 13
See page 51.

Graphics

10 Thursdays, January 12 – March 15
See page 50.

New! Aromatherapy for Colds Workshop

Friday, January 13
See page 56.

Beginning Beekeeping Workshop

Saturday, February 18
See page 38.



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) 835-6849.

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. In January 2012, an online training is available. The next on-site program will begin in January 2013. Please visit www.chicagobotanic.org/school/mastergardener or call Jill Selinger at (847) 835-6849.

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

Chicago Botanic Garden members pay the lower of the two fees listed.

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!

- **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 in 2012, 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 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.

Certificate programs are offered at many levels to give both beginners and professionals opportunities to improve their expertise and marketability. Prepare yourself for a rewarding career in landscape maintenance or garden design, discover the world of botanical art, or receive hands-on training from a Chicago Botanic Garden horticulturist. Details about all of the certificate programs are available at www.chicagobotanic.org/school/certificate. Contact Amelia Simmons-Hurt at certificateprograms@chicagobotanic.org, or at (847) 835-8293 for further information.

For more information on Certificate Programs:



Botany students are inspired by the Garden's engaging faculty.



Symposia & Special Programs

Symposia allow participants to attend a single or multi-day program on specific topics, ranging from general interest subjects to technical topics suited for practitioners and academicians.

New! *Writing the Garden: A Literary Conversation across Two Centuries*

A Lecture and Book-Signing Event

November 5

Saturday

4 – 5 p.m.

Fairchild Room

Elizabeth Barlow Rogers, award-winning writer and landscape preservationist
\$10

Gardening, more than most outdoor activities, has always attracted a cult of devotedly literate practitioners; people who like to dig, it would appear, also like to write. What makes *Writing the Garden* such a joy to read is that it is not simply a collection of extracts, but real discussions and examinations of the personalities who made their mark on how we design, how we plant, and how we think about one of life's lasting pleasures. Starting with "Women in the Garden" (Jane Loudon, Frances Garnet Wolseley, and Gertrude Jekyll) and concluding with "Philosophers in the Garden" (Henry David Thoreau, Michael Pollan, and Allen Lacy), this is a book that encompasses the full sweep of the best garden writing in the English language. The lecture will be followed by a book signing. This program is presented through partnership with The Book Stall in Winnetka, Illinois.

New! *Atlantic: Great Sea Battles, Heroic Discoveries, Titanic Storms, and a Vast Ocean of a Million Stories*

A Lecture and Book-Signing Event

November 10

Thursday

6:30 – 7:30 p.m.

Linnaeus Room

Simon Winchester, OBE, British writer, journalist, and broadcaster
\$10

In this lecture, Simon Winchester scrutinizes the early explorations from the Vikings and Norsemen through Columbus, detailing the perils of the open sea. With his excellent research and engrossing anecdotes about the ocean as "a living thing," Winchester spotlights its inspiration on poets, painters, and writers in its majestic beauty. Winchester's sea saga is helpful for those who want to understand the planet better, even as our waters are rapidly changing from pollution, overfishing, and climate change. The lecture will be followed by a book signing. This program is presented through partnership with The Book Stall in Winnetka, Illinois.

Professional Development Programs

Professional development opportunities and inspiration are yours here at the Garden. Landscape design, horticulture, and conservation professionals and others are welcome to attend these outstanding programs.

Introduction to Vertical Gardening

November 12

Saturday

10 a.m. – noon

Linnaeus Room

Claire Kettelkamp, principal, Kettelkamp & Kettelkamp Landscape Architects
Scott Mehaffey, executive vice president, Sage Botanic Media/Biotile Vertical Garden Systems
\$29/\$37

Vertical gardening has existed in many forms throughout history, primarily in warmer climates. Recent technological advances in growing systems, coupled with an increased desire for energy-efficient eco-conscious buildings, allow green walls to exist in northern climates. This survey of vertical gardening will inspire broader thinking about the benefits and opportunities of vertical gardening on large and small scales. Product and material samples will be available so participants can see how various systems work, and both set and variable costs will be discussed. A list of suggested plants will be provided, as well as a resource list for ongoing study.

Pruning for Professionals

November 16

Wednesday

9:30 a.m. – 3 p.m.

Annex 1

Tom Tiddens, plant healthcare supervisor and certified arborist; Chris Henning, plant healthcare specialist; and Thomas Fritz, plant healthcare specialist, Chicago Botanic Garden
\$69/\$87

This course is designed as a comprehensive review of basic pruning practices for landscape professionals. The afternoon session consists of demonstrations in the field that illustrate the techniques discussed during the morning session. There will also be a review of pruning tools and equipment care. Please dress for the weather, as the afternoon will be spent outdoors. Lunch is on your own.

Podando para Profesionales

Pruning for Spanish-Speaking Professionals

November 17

Thursday

9 a.m. – noon

Annex 2

Manny Sanchez, grounds foreman, Chicago Botanic Garden
\$39/\$49

Este repaso de prácticas de podar para jardineros profesionales incluirá técnicas, tiempo, y como escoger las mejores herramientas. Debido a que parte de la clase estará afuera se requiere que traigan tijeras y serrucho para practicar. Una discusión de cómo tartar con sus clientes y que información debe compartir con ellos antes de empezar un trabajo también será incluido.

This review of pruning practices will be taught in Spanish. An English description is listed above.

New! *Perspective Drawing for Landscape Design*

December 3

Saturday

9 a.m. – 4 p.m.

Design Studio

R. Thomas Selinger, RLA

\$79/\$99

Express your design ideas three dimensionally using perspective drawings. You will learn quick and practical methods for sketching one- and two-point perspectives in the field or in the office and how to create focal point design drawings in perspective. Applications will be taught for use by designers to analyze their working drawings and for client presentation to enhance your sales. Methods will be taught for adding color to your drawings for presentation and appeal. Join Tom Selinger for a casual and fun day as he takes the mystery out of perspective drawing. A supply list will be sent. Lunch is on your own.

New! *Landscape Design Studio*

January 27

Friday

9 a.m. – 3:30 p.m.

Linnaeus Room

Greg Pierceall, professor emeritus, Purdue University
\$79/\$99

Join Greg Pierceall for a daylong design studio experience. The first half of the day, students will participate in a landscape project. The remainder of the studio time will include design dialogue, vocabulary, and direction in site and landscape design production and products. Lunch is on your own.

Professional Development Programs *continued*

New! Structures for the Residential Garden

February 16
Thursday
10 – 11:30 a.m.
Linnaeus Room

Deb Samyn, RLA, ASLA, The Garden Consultants, Inc.
\$24/\$30

Explore structures suited to the residential garden and the design considerations that contribute to an exceptionally designed and sited garden structure. This class will discuss arbors, arches, and pergolas, as well as design considerations including function, style, materials, and plant selection.



Learn about arbors, arches, pergolas, and more in **Structures for the Residential Garden**.

Every bonsai workshop gives students the opportunity to work on trees.

Bonsai & Suiseki Workshops

Ivan Watters has been a bonsai practitioner for 45 years, and has studied with bonsai master Susumu Nakamura of the Shonan School of Bonsai in Yokohama, Japan, as well as prominent bonsai teachers in the United States. He is curator of the Chicago Botanic Garden bonsai collection.

Suiseki Diaza Carving Workshop

November 20
Sunday
12:30 – 4:30 p.m.
Annex 2

Tim Priest, suiseki and diaza artist and instructor
\$99/\$124

This course will cover the collection and classification of stones used for suiseki, as well as types of wood and tools suitable for diaza carving. Students will be taught with hands-on traditional and modern Japanese diaza carving techniques, starting from a raw piece of wood and taking it to completion. Each student will receive a suiseki and wood to carve their first diaza. A supply list will be sent.

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

April 15 – May 20
6 Sundays
1 – 4 p.m.
\$179/\$224

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.

Bonsai: Novice – Development Techniques

April 11 – May 16
6 Wednesdays
6:30 – 9:30 p.m.
\$209/\$262

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.

Bonsai: Intermediate – Refinement Techniques

April 14 – May 19
6 Saturdays
9 a.m. – noon
\$229/\$287

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.

Bonsai: Advanced – Presentation-Quality Efforts

April 15 – May 20
6 Sundays
9 a.m. – noon
\$249/\$312

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



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.

Basic Pruning for Homeowners

November 19

Saturday

1 – 3:30 p.m.

Annex 2

Tom Tiddens, plant healthcare supervisor and certified arborist, Chicago Botanic Garden
\$36/\$45

The best time to prune most trees and shrubs is quickly approaching. Proper pruning is the key to maintaining plant health and the desired form. Learn the basic techniques for dormant winter pruning. Basic pruning principles for trees and shrubs will be reviewed, as well as the application of various pruning tools. A portion of the class will consist of outdoor demonstrations, so please dress for the weather.

Get Started with Orchids

December 3

Saturday

1 – 3 p.m.

Annex 2

Jerry L. Garner, Ph.D., horticulturalist and professor of horticulture, Harold Washington College
\$29/\$37

Don't be afraid to grow orchids! This beginner's course will put to rest the myth that all orchids are hard to grow. You will learn how to select orchids suitable for your home, as well as the basics of orchid care, including light, temperature, humidity, and media requirements. You'll watch a potting and propagation demonstration and review the most popular orchid species and cultivars. Sources for orchids and supplies will be provided.

Preparing Roses for Winter

December 10

Saturday

1 – 3 p.m.

Annex 2

Heather Sherwood, horticulturist, Chicago Botanic Garden
\$29/\$37

Now is the time to start putting your roses to bed for the winter. Join Heather Sherwood and learn about the degrees of cold tolerance and the proper way to protect various types of roses. Grandiflora, floribunda, hybrid tea, shrub, miniature, and climbing roses will be discussed. A portion of the class will consist of outdoor demonstrations and hands-on practice, so dress for the weather and bring thorn-resistant gloves.

Botany for Beginners

January 21

Saturday

1:30 – 4 p.m.

Plant Science Lab, Regenstein Center

Rich Hyerczyk, botanist

\$36/\$45

Why are most plants green? Why do some make tubers and bulbs? Why are chili peppers hot and watermelons sweet? Have you ever had questions such as these about the biology of your garden plants? Come and enjoy a brief introduction to botany, the science of plants. Learn how plants make and store food, get pollinated, and protect and disperse their seeds.

Soils: Where Are Your Roots?

January 28

Saturday

9:30 a.m. – noon

Linnaeus Room

Glenn Grosch, horticulturist and agronomist

\$36/\$45

One of the secrets to gardening success is an understanding of soils. Join Glenn Grosch for a detailed discussion of soils, including structure, fertilizers, understanding and managing pH, soil amendments, and water management. This course will also highlight proper horticultural techniques for a healthy soil ecosystem. If you are serious about gardening, this course is a must!

Learn the basics of orchid care in **Get Started with Orchids**.



Starting From Seed

February 4

Saturday

9:30 a.m. – noon

Annex 1

Glenn Grosch, horticulturist and agronomist

\$36/\$45

Starting plants from seed is both interesting and relatively easy! This course covers all elements of starting both annuals (flowers and vegetables) and perennials from seed. The discussion includes plant selection, containers, planting mixes, watering, heating, lighting, and disease control. The primary focus is on starting seeds indoors, but some time is also spent on successful transplanting and starting seeds directly in the garden. This is a must for beginners and a good review for the experienced gardener.

Fruit Trees for the Beginner

February 11

Saturday

9:30 a.m. – noon

Linnaeus Room

Glenn Grosch, horticulturist and agronomist

\$36/\$45

Tree fruits present a great opportunity to both enhance your landscape and add to your eating pleasure! Many can be grown successfully in the Chicago area. The discussion will cover selecting varieties, choosing a suitable location, site preparation, and proper planting. Pruning techniques, ongoing maintenance, and pest management will also be discussed. Fruits to be covered include apples, peaches, pears, apricots, cherries, and plums. Dress for the weather, as part of the class will be outside.

Plants From Cuttings

February 18

Saturday

9:30 – 11:30 a.m.

Production Headhouse

Cathy Thomas, propagator, Chicago Botanic Garden
\$29/\$37

Propagating plants by using cuttings is an economical and exciting way to supply plants for your garden. Join Cathy Thomas as she shows how to propagate annuals, perennials, and even woody plants from cuttings. She will discuss timing, supplies, and the environment needed, and demonstrate techniques to help you achieve success.

Brambles and Berries for the Beginner

February 25

Saturday

9:30 a.m. – noon

Linnaeus Room

Glenn Grosch, horticulturist and agronomist
\$36/\$45

Would you love to be able to harvest fresh berries from your own backyard? If so, this class will convince you how easy it is to successfully grow berry fruits. You will learn how to choose the best varieties, select and prepare a site, and use proper planting and pruning techniques, as well as understand other maintenance requirements. Strawberries, raspberries, blueberries, grapes, and currants will be featured. Dress for the weather, as part of the class will be outside.

Success with Trees and Shrubs

March 3

Saturday

9:30 a.m. – noon

Linnaeus Room

Glenn Grosch, horticulturist and agronomist
\$36/\$45

Learn all you need to know about growing trees and shrubs! Glenn Grosch, experienced horticulturist, presents a practical, thorough discussion about how to be consistently successful in growing all types of woody plants (both deciduous and evergreen). Specific discussion includes matching plants to the site, plant selection, planting practices, first-year maintenance, and long-term care. Find out some of the myths about traditional woody plant care and discuss some of the current trends. This session is of value to all skill levels, from beginner to professional.

Even beginners can grow berries!
Learn how in **Brambles and Berries for the Beginner.**

Pruning Principles

March 11

Sunday

1 – 3 p.m.

Annex 2

Tim Johnson, director of horticulture,
Chicago Botanic Garden
\$29/\$37

Learning the correct technique for pruning is key to maintaining healthy plants. Tim Johnson, the Garden's horticulture director, will introduce you to the principles of pruning, including proper tool use, techniques for pruning trees and shrubs, and the best time to prune both evergreen and deciduous plants. He will also display a variety of good tools for pruning.

New! Vegetable Gardening Basics

March 17

Saturday

9:30 – 11:30 a.m.

Annex 1

Rick Belding, horticulturist
\$36/\$45

Join horticulturist Rick Belding to learn the basic techniques and tools required to grow your own vegetables. Seed sowing, bed and soil preparation, and harvesting techniques are just part of what will be covered in this class. This introductory vegetable growing class is best suited for those with little or no vegetable growing experience. Each student will receive a packet of seeds to grow at home.

Spring Lawn Care for Homeowners

March 24

Saturday

9 – 11 a.m.

Seminar Room, Plant Science Center

Tom Fritz, plant healthcare specialist,
Chicago Botanic Garden
\$29/\$37

Here's your chance to learn the basics of lawn care. Using the Garden's holistic turf management program as a model, expert Tom Fritz explains how to cultivate a thriving lawn while lessening pesticide use. He'll cover a lot of ground, including turf culture, mowing, aerating, watering, fertilizing and weeding, and insect and disease control. Please dress for the weather.

Get Started with Perennials

March 31

Saturday

1 – 4 p.m.

Linnaeus Room

Rachael Williams, horticulturist,
Heynssens & Grassman, Inc.
\$36/\$45

Learn about choosing the right perennial for the right garden location, and how to combine different perennials to create a lovely and interesting garden that blooms throughout the growing season. Rachael Williams discusses pruning and pinching techniques, deadheading and dividing, and other cultural methods to help you keep your garden growing healthy and strong. Come with your questions, because there will be time to discuss any unique situations you have encountered in your perennial garden.



Horticulture

Horticulture courses help students acquire the information and techniques needed to grow ornamental plants and maintain a healthy garden or lawn.

Hands-On Gardening: End-of-Season Pruning

Learn to garden with confidence from a Garden horticulturist

November 12

Saturday

1 – 3 p.m.

Annex 2

Dave Cantwell, horticulturist, Chicago Botanic Garden
\$49/\$62

To cut or not to cut your woody plants? What you cut today affects what the plant will look like and how well it will grow for years to come. After a brief classroom discussion, you will have the opportunity to practice pruning small woody plants. Please dress for the weather and be prepared to get dirty, as most of the class will be spent outside, rain or shine.

Backstage Pass: Winter Floral Wonders

November 20

Sunday

1 – 3 p.m.

Meet at Rice Plant Resource Center

Tim Pollak, outdoor floriculturist,
Chicago Botanic Garden
\$29/\$37

The Chicago Botanic Garden's production department produces nearly half a million plants a year. In the fall, the Greenhouses are brimming with poinsettias and other holiday plants of many hues. Join Tim Pollak to see how it's all done. You'll learn about propagation techniques, greenhouse environmental and computer systems, watering and fertilizing equipment, and how the growing space is managed throughout the year. In addition, you'll be dazzled by the colors and beauty of all the plants, and get a sneak preview of the plants that will be on display at Wonderland Express in the coming weeks.

Bulbs for Winter Indoor Color

November 21

Monday

6:30 – 8:30 p.m.

Annex 2

William Moss, horticultural educator
\$49/\$62

To add a breath of spring to your home this winter, join William Moss as he demonstrates the proper techniques for forcing bulbs such as tulips, daffodils, hyacinths, and minor bulbs. Learn how to choose varieties that are good performers as well as how to combine them in one pot for a mini-garden effect. You will then pot up some bulbs to take home. The fee includes all materials.

Winter Containers at the Garden

December 7

Wednesday

10 a.m. – noon

or

December 8

Thursday

6:30 – 8:30 p.m.

Annex 1

Nancy Clifton, program specialist,
Chicago Botanic Garden
\$59/\$74

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.

Holiday Dish Gardens

December 15

Thursday

6:30 – 8:30 p.m.

Annex 2

Tim Pollak, outdoor floriculturist,
Chicago Botanic Garden
\$59/\$74

Simplify your holidays with one centerpiece to adorn all of your holiday feasts! Dish gardens are miniature landscapes grown in shallow containers that may be used as living centerpieces throughout the year. Learn about different containers, materials needed to assemble them, and proper plant selection. Then create your own beautiful, functional dish garden. Tim Pollak demonstrates how to use them for seasonal color and shows you how to incorporate different themes. Please bring an apron, trowel, gloves, and hand pruners.

Grow Orchids on Your Windowsill

February 4

Saturday

1 – 3 p.m.

Annex 2

Jerry L. Garner, Ph.D., horticulturalist and professor of horticulture, Harold Washington College
\$29/\$37

Do you want to learn how to grow orchids on your windowsills, or add something different to your collection, or do you just need some helpful hints for caring for that orchid you picked up in the grocery store or received as a gift? Basic orchid growing techniques, choosing some of the easiest-to-grow orchids best suited to your conditions; keeping those plants healthy, growing, and flowering; and avoiding some of the pitfalls encountered by new growers are among the topics to be discussed. Participants are encouraged to bring a few of their orchids to class.

New! Glass Jar Terrarium Workshop

February 9

Thursday

6:30 – 8:30 p.m.

Annex 2

Tim Pollak, outdoor floriculturist,
Chicago Botanic Garden
\$49/\$62

Terrariums are easy ways to introduce more "green" into your life, and now you will come away with the know-how and resources to create your own miniature oasis. You will learn the steps for building a glass jar terrarium from start to finish, the plants that grow well together, and maintenance tips. A glass jar, an assortment of plants for a variety of light conditions, and all other materials will be provided for you to create your own terrarium to enjoy this winter and all year long! Please bring gloves, an apron if desired, and pruning shears.

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

Chicago Botanic Garden members pay the lower of the two fees listed.

NEW! RAISED BED GARDENING

Register for both sessions at once and save 10 percent. The refund policy for the series is available at www.chicagobotanic.org/school/registration_methods. \$48/\$60

Building a Raised Bed

February 11
Saturday
1 – 2:30 p.m.

Annex 1

Rick Belding, horticulturist, and Andy Swets, carpentry supervisor, Chicago Botanic Garden \$24/\$30

Learn how to construct the ideal raised bed. Chicago Botanic Garden carpentry supervisor Andy Swets and horticulturist Rick Belding will demonstrate how to construct a raised bed made from untreated cedar. Each attendee will have the option of ordering a raised bed kit that will include everything needed to replicate what they see during the first session. Choosing the proper location and installation will also be discussed.

Gardening in Raised Beds

March 10
Saturday
1 – 3 p.m.

Annex 1

Rick Belding, horticulturist, and Andy Swets, carpentry supervisor, Chicago Botanic Garden \$29/\$37

Learn what to grow, when to plant, and how to maximize yield using a raised bed. Extending the growing season will also be discussed. Pick-up of pre-ordered kits will begin at the end of this class.

New! The Mystique of Landscape Lighting

February 17
Friday
10 a.m. – noon
Linnaeus Room

Darin Ayres, lighting consultant, FX Luminaire \$29/\$37

Join Darin Ayres and learn about garden lighting designs and mechanics for residential homeowners. Ayres will discuss specifics such as the main components of low-voltage systems, the basics and cost comparison of energy-efficient LED lighting systems versus more traditional incandescent systems, the difference between professional lighting components and do-it-yourself kits, and creative, yet functional, design concepts. Come and be enlightened!

Beginning Beekeeping Workshop

February 18
Saturday
9 a.m. – 4 p.m.
Linnaeus Room

Charles and Karen Lorence, owners, Lorence's Honey Bee Haven \$59/\$74

Join us for this full-day program and learn about the history of beekeeping in North America, the anatomy and physiology of the bees including the caste system, and duties of the honeybees. Management of honeybees by season, plants and forage for honeybees in your location, and restrictions of communities will also be covered. Finally, we will discuss the impending disaster of the honeybee—Colony Collapse Disorder—and what we can do about it. Lunch is on your own.

Urban Composting

February 25
Saturday
1 – 3 p.m.

Linnaeus Room

Bill Shores, professional grower and garden consultant \$29/\$37

Compost is a valuable soil amendment, and making it provides a great way to recycle abundant yard and food wastes. Even with limited or no yard space, you can produce surprisingly large quantities of your own high-quality compost. Join Bill Shores as he explains the composting process, how to choose and handle materials, ways to fit composting into small urban spaces, what containers you can build or purchase and how to use them effectively, harvesting and using compost, and indoor composting options.

New! Growing a Cook's Garden

March 3
Saturday
1 – 3 p.m.
Annex 2

Nina Koziol, garden writer \$29/\$37

If you have a spot in your garden, balcony, or deck that receives more than six hours of direct sunlight, you can grow fresh herbs and vegetables. We'll cover how to grow the best essential ingredients for your kitchen: tomatoes—heirloom and new cultivars—onions, peppers, squash, garlic, and leafy greens. In this class, you'll learn the basics of soil preparation, planting in pots, plant selection, protecting your harvest from pests, extending the crops from spring through fall, and ideas for food preparation.

Growing Salads Indoors

March 10
Saturday
9 – 11 a.m.
Linnaeus Room

Bill Shores, professional grower and garden consultant \$29/\$37

Learn to grow organic salad greens at home, whether you have garden space or not! Professional gardener Bill Shores, who has grown specialty greens for more than a decade and currently manages chef Rick Bayless's market garden, will treat participants to a visual feast of microgreens. Then he will demonstrate how to plant the seeds in growing trays, and discuss maintenance and harvesting techniques.

Organic Gardening—A Fresh Approach

March 13
Tuesday
6:30 – 9 p.m.

Linnaeus Room

Glenn Grosch, horticulturist and agronomist \$36/\$45

Are you interested in organic gardening? This fresh approach to organic gardening will focus on fundamental horticultural practices as they apply to a successful organic garden experience. The presentation will cover the “what and why” of organics followed by a detailed discussion of specific horticultural practices both in the area of plant nutrition and pest management. There will also be a brief discussion of organics from a retail consumer perspective.

Winter Tree and Shrub Trimming

Two-session class

March 15
Thursday
7 – 8:30 p.m.
and

March 17

Saturday
9 – 11 a.m.

Annex 2

Gilbert Smith and Lesley Bruce Smith, ISA certified arborists, owners, Arborsmith Ltd. \$49/\$62

Learn the secret that only certified arborists know—that it is fun and simple to trim your trees and shrubs when their leaves are absent! Through demonstrations and discussions, you will learn the basics of tree physiology and how it is affected by trimming, proper practices of trimming during the winter months, and the advantages of winter trimming of certain species for maximum health and plant performance.

Backstage Pass: Flowering Spring Celebrities

March 18

Sunday

1 – 3 p.m.

Meet at Rice Plant Resource Center

Tim Pollak, outdoor floriculturist,

Chicago Botanic Garden

\$29/\$37

The Garden's production department grows nearly a half-million plants every year. Join Tim Pollak for a behind-the-scenes tour through the Chicago Botanic Garden's Greenhouses and nursery. Be the first to see which spring annuals will appear in the 2012 annual display beds, hanging baskets, containers, and hanging hayracks. You will also get a preview of some of the indoor displays for the Antiques & Garden Fair and glimpse the start of fall mums.

Hydrangeas

March 29

Thursday

6:30 – 9 p.m.

Linnaeus Room

Glenn Grosch, horticulturist and agronomist

\$36/\$45

Learn all you ever wanted to know about hydrangeas! This program will cover all aspects of successfully growing hydrangeas. A detailed discussion will include hardiness issues and pruning techniques by species, as well as how to manage bloom color—plus you'll see some great photos of each of the species in full bloom. Whether you currently have hydrangeas in your gardens, are planning to add them in the future, or simply want to know more about them, this session will be worth attending.

New! Front Door Container Duo Workshop

April 12

Thursday

10 a.m. – noon

Annex 2

Nancy Clifton, program specialist,

Chicago Botanic Garden

\$129/\$162

Create a matching set of containers to display together or apart. One container may not be enough! Assemble two containers for sun/part shade for an immediate effect. You will take a short Garden walk to see Garden containers and then create your own duo of pots to take home. Dress for the weather and bring gloves. All other materials are provided.

**FOUR SEASONS OF BEAUTY:
THE CHICAGO BOTANIC GARDEN
CONTAINER SERIES**

This series of workshops and Garden walks features the diversity and creativity of four seasons of Chicago Botanic Garden container gardens. Each season you will explore the Garden grounds with Nancy Clifton and discover an array of striking plants, interesting color and texture combinations, and unique container arrangements. Nancy will then help you create a seasonal container for your sun or partial shade patio or porch. All workshops are taught by Nancy Clifton, program specialist at the Chicago Botanic Garden.

Register for all four sessions at once and save 10 percent. The refund policy for the series is available at www.chicagobotanic.org/school/registration_methods. \$249/\$312

Spring Containers at the Garden

April 25

Wednesday

10 a.m. – noon

or

April 25

Wednesday

6:30 – 8:30 p.m.

Annex 1

\$69/\$87

Tour the Garden's spring containers and collect ideas for your own. Then create a container with plants that can tolerate the varying spring temperatures and a full-sun to partial-shade location. Pansies, forced bulbs, and other spring treasures may be used. A spray of branches gives them a finishing touch. Please bring gloves.

Summer Containers at the Garden

June 20

Wednesday

10 a.m. – noon

or

June 20

Wednesday

6:30 – 8:30 p.m.

Annex 1

\$69/\$87

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

Autumn Containers at the Garden

September 12

Wednesday

10 a.m. – noon

or

September 12

Wednesday

6:30 – 8:30 p.m.

Annex 1

\$69/\$87

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.

Winter Containers at the Garden

December 5

Wednesday

10 a.m. – noon

or

December 5

Wednesday

6:30 – 8:30 p.m.

Annex 1

\$69/\$87

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.



HORTICULTURE CERTIFICATE OF MERIT PROGRAMS

Hardy Dwarf Plants

November 12

Saturday

1 – 4 p.m.

Linnaeus Room

John Eskandari, arborist and plant acquisitions, Gethsemane Gardens
\$59/\$74

OPC elective

Discover the evolution of evergreens from simple foundation plantings of yews and boxwoods to new collections found in a variety of colors and sizes that can be used as living art in the garden. Learn the art of mixing evergreens to create a specimen collection; how to add a few interesting conifers for specialty interest; growing techniques for ornamental conifers in containers on terraces, front porches, or roof decks; and the ideal candidates for urban microclimates. The School's CEUs= 0.3

New! The Art of Graphics

November 14, 21, and December 5

3 Mondays

(no class November 28)

6:30 – 9 p.m.

Linnaeus Room

Timothy Lally, ASLA, RLA, principal, Timothy Lally Design
\$179/\$224

OPC elective

This workshop serves to complement the required Graphics course in the Garden Design Certificate. Continuing to build upon skills, this workshop will present additional techniques used for rendering design plans as well as landscape elevations and perspectives. Media such as pastels and watercolors will be explored to further broaden the design pallet. Prerequisite: Graphics or commensurate experience. The School's CEUs= 0.75

Plant Health 1

Winter Session

January 17 – February 23

6 Tuesdays & 6 Thursdays

6:30 – 8:30 p.m.

Plant Science Lab, Regenstein Center

Tom Tiddens, plant healthcare supervisor & certified arborist, Chicago Botanic Garden, and Chris Henning, plant healthcare specialist, Chicago Botanic Garden
\$269/\$337

MGC, PGL 1, PGL 2, GDC requirement

Learn to identify, diagnose, treat, and prevent some of the most important diseases, insects, animal pests, and environmental problems commonly encountered by our region's landscape industry. Topics include Integrated Pest Management (IPM), cultural care, basic entomology and pathology, pesticides and alternatives, and animal management.

Botany: Special Topics

January 18 – February 22

6 Wednesdays

6:30 – 9 p.m.

Plant Science Lab, Regenstein Center

Richard D. Hyerczyk, botanist

\$119/\$149

OPC elective

Delve deeper into the wide world of botany. Join Rich Hyerczyk as he explores algae, mushroom and molds, wetland vegetation, local flora of the woodlands, and the unique plants of arid habitats. The School's CEUs=1.5

Gardening Techniques: Session B

January 28 – March 3

6 Saturdays

7:30 – 10:30 a.m.

Annex 2

Dave Cantwell, horticulturist, Chicago Botanic Garden
\$249/\$312

PGL 1, PGL 2, GDC requirement

Students will be introduced to professional gardening through a combination of lecture and hands-on activities. They will focus on acquiring solid gardening skills, learning about a variety of techniques, and developing the ability to determine best practices. Topics range from general grounds maintenance, winterization, plantings, and other horticultural practices. This is a pre-professional class designed for students entering the green industry.

Woody Plants for the Eco-Garden

February 4

Saturday

9 a.m. – noon

Linnaeus Room

John Eskandari, arborist and plant acquisitions, Gethsemane Gardens
\$59/\$74

OPC elective

When selecting plants for your garden space, consider expanding your woody plant selections to help make your garden more eco-friendly. Woody plants are generally more deeply rooted than most herbaceous plants. They provide winter structure and can take up more square footage so there is less need to buy herbaceous plants that need frequent watering. Plant them in the ground or in containers and increase your carbon storage with a woody plant. The School's CEUs=0.3

New! From the Nursery Yard to Your Yard

February 11

Saturday

1 – 4 p.m.

Linnaeus Room

John Eskandari, arborist and plant acquisitions, Gethsemane Gardens
\$59/\$74

OPC elective

Buying plant material is a rite of spring for any gardener, from the novice to the professional. With so many choices, how do you know what to pick? Learn tricks to spot a good plant at any nursery, despite its sometimes haggard appearance, and how to avoid getting those beautiful plants that might not really work. Learn about everything from proper transportation, dealing with balled and burlapped, container or bare root plants, to the methods that will ensure that your new plant will successfully adapt to your space. The School's CEUs=0.3

Certificate Programs Information Session

FREE Information Session

March 5

Monday

7 – 8 p.m.

Linnaeus Room

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. First-time students attending this session will receive \$20 off their first Certificate core course (restrictions apply). Please register in advance to save your space.

The Best New Annuals for 2012

March 10

Saturday

1 – 4 p.m.

Linnaeus Room

Greg Trabka, new product development manager, Ball Horticultural Company
\$59/\$74

OPC elective

It's going to be a banner year for annuals! This course presents many new cultivars, along with several wonderful yet underutilized species for both container and in-ground plantings in sun and shade. Focus on what makes each unique and ideal, including morphological characteristics and garden performance. Other topics include cultural requirements, design and combinations, and sources. The School's CEUs=0.3

Healthy Gardens

March 10
Saturday
9 a.m. – noon
Design Studio
Lynn Bement, the organic garden coach
\$59/\$74

OPC elective

Would you like to create a landscape that is more resistant to insect and disease challenges? Come learn how to build up your soil organically. Regardless of whether you are starting from scratch with new construction or working with an older, existing landscape, come explore a guaranteed approach to building your soils in a healthy, environmentally friendly, and sustainable way! The School's CEUs=0.3

Botany 1

Spring Session
March 12 – April 23
7 Mondays and 5 Wednesdays
(no class April 18)
2:30 – 4:30 p.m.
or
6:30 – 8:30 p.m.
Plant Science Lab, Regenstein Center
Richard D. Hyerczyk, botanist
\$269/\$337

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.

Organic Pest Control

March 17
Saturday
9 a.m. – noon
Linnaeus Room
Lynn Bement, the organic garden coach
\$59/\$74

OPC elective

Are you looking for an environmentally friendly and sustainable way to treat pest and disease challenges in your garden? Come learn about handling common pest and disease issues that you may encounter in your ornamental plantings and vegetable garden. You will come away with new ways to observe and identify what might be bugging your landscape and corrective steps that you can take to minimize or eliminate the issues. The School's CEUs=0.3

Growing Ornamental Plant Materials

March 20 – May 1
7 Tuesdays
6:30 – 8:30 p.m.
Annex 2
and
March 24 & April 28
2 Saturdays
9 a.m. – noon
Annex 1
Tim Johnson, director of horticulture,
Chicago Botanic Garden
\$249/\$312

MGC requirement

Learn the basic techniques and some special tips needed for establishing and maintaining a healthy garden in the Midwest. Some of the many topics to be covered include planting, pruning, water and turf management, weed and pest control, maintenance of new landscapes, and specific methods for growing herbaceous and woody plant groups such as bulbs, ericaceous plants, container plants, and others. Gain hands-on experience in the Garden.

Hardy Bulbs

March 27 – May 15
(no class April 17)
7 Tuesdays
6:30 – 8:30 p.m.

Garden Walks (select one)

March 29 – May 10
(no class April 19)
6 Thursdays
9 – 11 a.m.
or
March 31 – May 12
(no class April 21)
6 Saturdays
9 – 11 a.m.

Alsldorf Auditorium

Jill Selinger, manager, continuing education,
Chicago Botanic Garden
\$229/\$287
Optional Study CD \$20

OPC, PGL 1, PGL 2, GDC requirement

Explore the many bulbs that brighten the spring, summer, and fall garden. You will learn to identify more than 60 hardy bulbs, corms, and tubers. Bloom sequences, cultural requirements, and bulb selection will also be discussed. After completing this course, you will have the confidence and knowledge to use a wide variety of bulbs to enhance your clients' gardens or your own.

Gardening Techniques: Session C

April 14 – May 19
(April 21 off-site)
6 Saturdays
7:30 – 10:30 a.m.
Annex 1

Lynette Rodriguez, owner and horticulturist,
A Finer Touch
\$249/\$312

PGL 1, PGL 2, GDC requirement

Students will be introduced to professional gardening through a combination of lecture and hands-on activities. Focus is on acquiring solid gardening skills, learning about a variety of techniques, and developing the ability to determine best practices. Topics range from plant selection to the identification and control of weeds and other horticultural practices. Prerequisite: Botany 1.

Soil Basics

Intensive Spring Session
April 28, May 5 & 12
3 Saturdays
9 a.m. – 4 p.m.

Annex 2

Ellen Phillips, educator, University of Illinois Extension
\$269/\$337

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 that helps create a productive soil. Course fee includes a professionally analyzed test of your garden soil. Prerequisite: Botany 1.

Magnolias

April 30
Monday
9 a.m. – noon
Linnaeus Room

Mark Zampardo, Ph.D., horticulture educator
\$59/\$74

OPC elective

The genus *Magnolia* is a complex group of plants with a large native range. Several of the species readily hybridize, producing new and interesting selections. The newest group of hybrids is the hardy yellow magnolia. New hybrids pop onto the market each year, creating an increasing palette of beautiful flowering trees for the Midwest. Learn more about the genus *Magnolia* and the best choices for the Midwest garden. The School's CEUs=0.3

Lilacs

May 5
Saturday

1 – 4 p.m.
Linnaeus Room

Mark Zampardo, Ph.D., horticulture educator
\$59/\$74

OPC elective

Learn more about the genus *Syringa*. The species ranges from small shrubs to medium-sized trees. The beautiful flowers are generally fragrant and plants are hardy and easy to grow. Lilacs are tolerant of a wide range of soil types including alkaline soils. A walk around the Garden to view lilacs in bloom is included. The School's CEUs=0.3

Botany 2

Spring Session

May 7 – June 20
(no class May 28 and 30)
6 Mondays and 6 Wednesdays
2:30 – 4:30 p.m.

or

6:30 – 8:30 p.m.

Plant Science Lab, Regenstein Center

Richard D. Hyerczyk, botanist
\$269/\$337

PGL 2 and GDC requirement

How do seeds germinate and develop into mature plants? How do plants move water up through their roots to their topmost branches ground? This course will explore subjects such as the plant cell; anatomy and growth of roots, stems, and leaves; photosynthesis; and the symbiotic association of plant roots with beneficial fungi and bacteria. Prerequisite: Botany 1.

Small Flowering Trees

May 29 – July 10

7 Tuesdays
6:30 – 8:30 p.m.

Garden Walks (select one)

May 31 – July 5
6 Thursdays
9 – 11 a.m.

or

June 2 – July 7
6 Saturdays
9 – 11 a.m.

Mark Zampardo, Ph.D., horticulture educator
Aldorf Auditorium
\$229/\$287

Optional Study CD \$20

OPC, PGL 1, PGL 2, GDC requirement

Small flowering trees are a critical component of nearly every garden and landscape. This course covers approximately 40 genera and many more species and cultivars that thrive in our region. Identification, cultural information, aesthetic qualities, and landscape uses will be emphasized. After completing this course, you will be able to select appropriate trees to add interest and depth to your garden and landscape projects.

Nature Studies

The Chicago region contains a wide range of plants and animals living in different types of natural communities, from woodlands to wetlands, from prairies to savannas.

New! *Atlantic: Great Sea Battles, Heroic Discoveries, Titanic Storms, and a Vast Ocean of a Million Stories*

A Lecture and Book-Signing Event

November 10

See page 33 for details.

Fall Bird Walk

November 12

Saturday
7:30 – 9 a.m.

Meet at Visitor Center

Alan Anderson, research committee chairman,
Chicago Audubon Society
\$15/\$19

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.

Owl Prowl at Ryerson Woods

November 18

Friday
7 – 9 p.m.

or

February 10
Friday
7 – 9 p.m.

Brushwood House, Ryerson Woods, Deerfield, IL.

Steve Bailey, ornithologist, Illinois Natural History Survey
\$29/\$37

Join Steve Bailey for a captivating night exploring the mystery of owls at the Ryerson Woods Conservation Area. He will discuss owl behavior and identification, as well as the places these fascinating birds are most likely to be seen. He may even demonstrate his world-famous Barred Owl call. After the discussion, Steve will lead a walk in the woods to look and listen for these enigmatic birds. Please dress warmly, and bring along a flashlight and binoculars. A map will be sent.

Beginning Beekeeping Workshop

February 18

See page 38 for details.

Deciduous Trees in Winter

February 22
Wednesday

1 – 4 p.m.
Linnaeus Room

Andrew Bell, curator of woody plants,
Chicago Botanic Garden
\$49/\$62

Most deciduous trees and shrubs are easy to identify when leaves are present, but many important characteristics remain on the plant year-round. Winter can be an ideal time to identify trees and shrubs as well as gain a landscape perspective of overall forms and shapes these plants can add to the landscape. In this interactive course, you will learn to identify a variety of native trees and shrubs by buds, twigs, bark, and shape. Botanical keys to identify trees will be supplemented by other sources of information and observation. Classroom discussion using slides, cut twigs, and identification keying exercises will be supplemented by spending part of the course identifying trees outdoors. Dress for the weather.

Harry Potter's Herbiology: Medieval and Renaissance Botany at Hogwarts

February 25

Saturday

11 a.m. – noon

Meet at Lenhardt Library, Chicago Botanic Garden
Ed Valauskas, rare book curator, Lenhardt Library,
Chicago Botanic Garden
\$15/\$19

Classes at Hogwarts included studies on a variety of plants, zoophytes, and potions. These intellectual exercises reflected a real battle between medieval and Renaissance notions about the natural world. This lecture will examine the foundations of Hogwarts in classical, medieval, and Renaissance scientific literature, with actual examples of rare books dating from the fifteenth through seventeenth centuries.

Spring Bird Walk

April 7

Saturday

7:30 – 9 a.m.

Meet at Visitor Center

Alan Anderson, research committee chairman,
Chicago Audubon Society
\$15/\$19

Join local bird experts to explore the best spots in the Garden for locating late-winter bird residents and the early migrants of spring. Each walk is approximately one to two hours long. Dress for the weather, and bring binoculars and a field guide, if you have one.

Garden Design

With a variety of courses ranging from site analysis and construction to garden art and history, students learn the principles of garden design and how design relates to the environment.

Introduction to Vertical Gardening

November 12

See page 33 for details.

White City/Green City

February 2 – 23

4 Thursdays

1 – 3 p.m.

Linnaeus Room

Barbara Geiger, MALA, landscape historian and adjunct professor, Illinois Institute of Technology \$99/\$124

Can enough green space and beautifully designed buildings and landscapes solve all our problems? Architect Daniel H. Burnham and his colleagues thought they just might as they planned the World's Columbian Exposition of 1893. And they believed the same as Burnham created a master plan for the Chicago region in 1909 with Edward Bennett. Some of their hopes were borne out and some were dashed by devils like Henry Holmes and the sinners in the Levee District. Explore the story of the greatest fair ever, the architects and landscape architects who brought it into being, how the fair led to the *Plan of Chicago*, and the counter-forces that challenged the dream of a white and green city. Recommended background reading (not required to follow the course material and discussions): *The Devil in the White City*, by Erik Larson, and *The Plan of Chicago* by Carl Smith.

“Know Maintenance” Perennial Gardens

February 8

Wednesday

1 – 3 p.m.

Linnaeus Room

Roy Diblik, plantsman and co-owner, Northwind Perennial Farm \$29/\$37

The use of perennials in gardens has taken on many themes, styles, and random plantings. Yearly, new plants are introduced and gardens become collections. Roy Diblik has put together a design concept connecting perennials for our region to maintenance and planting style. This concept includes stylized perennial garden grids placing plants that live well together. Roy calls this style “Know Maintenance” gardening, allowing the gardener to understand the time commitment needed to maintain the gardens they plant. Roy will discuss his concepts and share images of plants and gardens that illustrate this style, including those he designed at the Art Institute of Chicago and the Shedd Aquarium.

Structures for the Residential Garden

February 16

See page 34 for details.

New! Landscaping for Privacy: Innovative Ways to Turn Your Outdoor Space into a Peaceful Retreat

A Lecture and Book-Signing Event

March 9

Friday

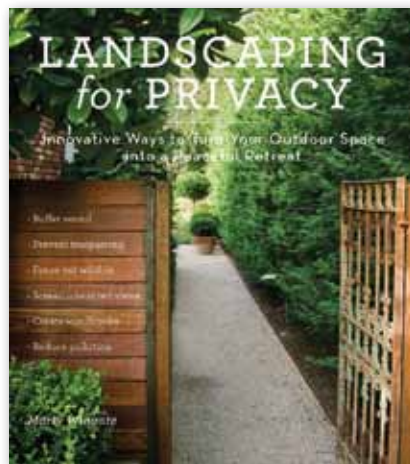
1 – 2 p.m.

Linnaeus Room

Marty Wingate, author

\$10

More than 35 million single-family homes sit on lots between one-eighth and one-half an acre—meaning neighbors on both sides and in back, with little or no scenery and a decided lack of privacy. Luckily, it's possible to create a peaceful retreat—even in the most urban environment—with thoughtful garden design. Includes information on plant choices, hedges, buying and building different types of screens, tips on the most efficient and visually satisfying use of space, and much more. Lecture will be followed by an opportunity to purchase Wingate's book and have it signed.



Learn from author Marty Wingate how to create a peaceful retreat.

The American Cottage Garden

March 24

Saturday

1 – 3 p.m.

Linnaeus Room

Nina Koziol, garden writer

\$29/\$37

Exuberant gardens overflowing with old-fashioned flowers—that is the vision that comes to mind when we think of cottage gardens. Discover bed and border designs and plant combinations that can help you get the look of an English cottage garden.

New! The Shady Landscape

March 27

Tuesday

9:30 a.m. – 2 p.m.

Linnaeus Room

Marcy Stewart-Pyziak, horticulturist,

The Gardener's Tutor

\$49/\$62

The deciduous forest consists of a layering of plants, providing stunning visual interest and diversity. This sharing of space allows for diverse species to live harmoniously in shared ecology, including ephemerals, herbaceous plants, and woody shrubs and trees, not to mention the animals, birds, and insects. As noted by Rick Darke in his book *The American Woodland Garden*, “adapting a layered framework within the shady landscape is a sure way to capture one of the most unique visual motifs of the deciduous forest.” Discussion will include native and nonnative species, varied cultural conditions, and the progression of plants from early spring to autumn. Lunch is on your own.

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

Chicago Botanic Garden members pay the lower of the two fees listed.

PAINTING YOUR GARDEN WITH PLANTS: SUN AND SHADE

Register for both sessions at once and save ten percent. The refund policy for the series is available at www.chicagobotanic.org/school/registration_methods. \$52/\$65

Designing the Sunny Border

April 14
Saturday
10 a.m. – noon
Linnaeus Room
Nina Koziol, garden writer
\$29/\$37

The well-designed border wears a combination of perennials, annuals, and shrubs that provide three seasons of color and winter interest. This class will discuss how to artfully combine plants with an emphasis on the use of color, texture, and form. Whether you are a new gardener or have an established border that could use updating, this class is for you.

Painting Your Garden with Plants: Designing the Shade Garden

April 14
Saturday
1 – 3 p.m.
Linnaeus Room
Nina Koziol, garden writer
\$29/\$37

A garden shaded by trees or buildings is often a challenge for the gardener who is faced with low light levels, tree roots, and soil that is often dry. This class provides solutions and ideas for artful plantings that can help you create effective combinations that consider color, texture, and form. Ideal for those who want to enhance an existing shade garden or plan a new one.

In **Painting Your Garden with Plants**, learn to choose the right combination of perennials, annuals, and shrubs to create visually exciting gardens.

WEEKEND DESIGNER SERIES

If you have always wanted to improve the design of your home landscape, or if you are a new homeowner wondering where to start, this series is a great way to introduce yourself to the basic principles of landscape design. This lecture series, created for novice designers, will take you from basic design theories to site-planning techniques and finally to techniques for implementing a design plan. Register for all five sessions at once and save ten percent. Please note the refund policy for the series, which is available at www.chicagobotanic.org/school/registration_methods. \$131/\$166

Introduction to Design Principles

February 7
Tuesday
7 – 9 p.m.
Linnaeus Room
Valerie Gerdes Lemme, landscape architect, ASLA
\$29/\$37

This workshop introduces and reviews the landscape design process of site analysis, conceptual design, and evaluations, based on such landscape-design principles as balance, symmetry, proportion, scale, and unity. Looking at plant combinations and landscape features, you will learn about color, texture, line, form, and methods of creating garden spaces.

Foundation Planting Design

February 14
Tuesday
7 – 9 p.m.
Linnaeus Room
Valerie Gerdes Lemme, landscape architect, ASLA
\$29/\$37

Do you live in an older home with an outdated foundation planting of overgrown evergreens? Or in a newer home that needs help creating an identity and style? Whether old or new, many homes have foundation plantings that need revamping. Learn the principles of good foundation design and view examples of before-and-after landscapes to give you the boost you need to update your home's landscape. Good design will improve the curb appeal of your home, increasing its value.

Front Yard Design

February 21
Tuesday
7 – 9 p.m.
Linnaeus Room
Jeffrey True, vice president of operations, Hursthouse, Inc.
\$29/\$37

This course will teach you the basics of front yard landscape design. A lecture and slides will demonstrate how proper planting design can change the way you use and view your property. Your front yard design should respond to your home's architecture as well as be aesthetically pleasing. Topics will include proper plant types and spacing, focusing and screening views, and creating curb appeal.

Backyard Design

February 28
Tuesday
7 – 9 p.m.
Linnaeus Room
Jeffrey True, vice president of operations, Hursthouse, Inc.
\$29/\$37

Learn how to create an enjoyable backyard space that is both functional and exciting. This course will focus on the design and development of functional and attractive spaces, including dining and entertaining areas (such as decks and patios), children's play spaces, and outdoor storage and utility areas. Learn how to screen and focus views and create a sense of enclosure for areas where you desire a private space for comfort and security.

From the Drawing Board to the Border

March 6
Tuesday
7 – 9 p.m.
Linnaeus Room
Valerie Gerdes Lemme, landscape architect, ASLA
\$29/\$37

How do you take your plans from the drawing board and create the garden without being overwhelmed by the amount of work and money? Learn how to develop a shopping list and timeline to phase the work over several seasons. You'll also receive some useful tips on budgeting, purchasing plants, and working with landscape professionals.



GARDEN DESIGN CERTIFICATE OF MERIT PROGRAMS

New! The Art of Graphics

November 14, 21, and December 5

See page 42 for details.

Graphics

Winter Session

January 12 – March 15

10 Thursdays

6:30 – 9 p.m.

Design Studio

R. Thomas Selinger, RLA

\$269/\$337

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. Recommended to take concurrently with Introduction to Professional Practice.

Introduction to Professional Practice

Winter session

January 18 – March 14

9 Wednesdays

6:30 – 9 p.m.

Linnaeus Room

and

January 21, 28, March 3, 10

4 Saturdays

1 – 4 p.m.

Design Studio

Paul Laiblin, project manager and senior estimator, Scott Byron and Co.

\$269/\$337

PGL 2 and GDC requirement

Apply skills learned in Graphics toward a working understanding of the initial phases of a landscape design project. Lectures will focus on the preliminary steps necessary to begin a landscape design project and carry the project through the conceptual design phase, including site measurements, base maps, site analysis, programming, functional use diagrams, conceptual design plans, and preliminary cost estimates. Prerequisite: Graphics (courses can be taken concurrently).

Principles of Garden Design

Winter Session

January 18 – March 7

8 Wednesdays

6:30 – 9 p.m.

Design Studio

and

January 21 & March 3

2 Saturdays

Linnaeus Room

1 – 4 p.m.

Tim Lally, ASLA, RLA, principal, Timothy Lally Design

\$269/\$337

Spring Session

March 21 – May 16

(no class April 18)

8 Wednesdays

6:30 – 9 p.m.

Design Studio

and

March 24 & 31

2 Saturdays

9 a.m. – noon

Linnaeus Room

Tony Wasemann, ASLA, senior landscape designer,

Scott Byron & Co.

\$269/\$337

PGL 2 and GDC requirement

Apply knowledge and skills developed in previous design courses toward an in-depth understanding about spatial properties of landscape materials and their application to design principles. Weekly discussions and individual projects will emphasize the components of three-dimensional spaces and their application to the development of refined concept design plans and construction level drawings. Prerequisites: Graphics, Introduction to Professional Practice.

Early Garden History

January 22 – March 25

10 Sundays

1 – 3:30 p.m.

Design Studio

Barbara Geiger, MALA, landscape historian

\$269/\$337

GDC requirement

As a garden designer, you are part of a great custom at the heart of every culture. Study the garden traditions of Europe, Asia, and the Middle East as they evolved from the earliest civilizations through the early 1900s. Learn why certain design elements have endured the test of time, and how you can adapt them for use in your own projects. Learn how the critical element of design takes good graphics and a knowledge of plants and turns them into masterful and cohesive gardens.

Garden Design Implementation

January 23 – March 26

(no class February 20 or March 5)

8 Mondays

6:30 – 9 p.m.

Linnaeus Room

and

February 25 (Design Studio) & March 3

(Plant Science Lab)

2 Saturdays

1 – 4 p.m.

Jodi Mariano, RLA, senior associate,

Teska Associates, Inc.

\$269/\$337

GDC requirement

You have the design; you have the client; you have the funding—now what? Lectures will focus on the steps necessary to carry a project from a finished design through to a built landscape. Course projects will include the preparation of construction details and documents, technical specifications, and cost estimates. Prerequisites: Graphics, Introduction to Professional Practice, Hardscape Basics, Principles of Landscape Design, Planting Design.

Certificate Programs Information Session

FREE Information Session

March 5

Monday

7 – 8 p.m.

Linnaeus Room

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. First-time students attending this session will receive \$20 off their first Certificate core course (restrictions apply). Please register in advance to save your space.

Hardscape Basics

May 17 – July 26

(no session June 14 and July 5)

9 Thursdays

6:30 – 9 p.m.

and

June 16 and 30

2 Saturdays

9 a.m. – noon

Design Studio

\$269/\$337

Shawn Weidner, ASLA, director of design, EcoGardens

PGL 2, GDC requirement

Apply knowledge and skills toward a working understanding of hardscape elements as they relate to garden design. Weekly discussions and individual projects will focus on basic elements of hardscape structures, including paving, landscape lighting, garden walls and structures, and site furnishings and their application to the residential landscapes. Saturday sessions will be spent off-site for hands-on materials workshop when possible. Prerequisites: Graphics, Introduction to Professional Practice, Principles of Garden Design.

Botanical Arts and Humanities

Throughout history, plants and images of plants have been woven into the arts—painting, literature, and photography. The beauty of botanical arts courses is that they encompass a wide variety of topics, from photography to calligraphy, botanical illustration to paper making. In introductory and higher-level courses, students have the opportunity to express their creative flair while sharing time with others in an enjoyable setting.

New! See the World from the Windows of Ryerson

November 12

Saturday

9:30 a.m. – 3:30 p.m.

Brushwood House, Ryerson Woods, Deerfield, IL

Derek Norman, artist and director,

Midwest Center for Botanical Documentation

\$89/\$112

See it now, from the windows of Brushwood House, in this one-day seminar of watercolor painting, drawing, and sketching at Ryerson Woods. Capture the many facets of this natural, ecologically balanced landscape and find inspiration in the historical charm of an earlier age as you comfortably sit, draw, and paint in the cozy ambience of Brushwood House. Learn the basics and principles of English watercolor painting and further your own technique by knowing how best to define the colors, forms, shapes, textures, and structures of the autumn landscape. Individual instruction will be given to all students. Bring a sack lunch. Materials list and a map will be sent. A reception and an exhibit will be held at the end of the day for students and their guests.

New! Rustic Urn Arrangement

November 15

Tuesday

10 a.m. – noon

Plant Science Lab, Regenstein Center

Nancy Clifton, program specialist,

Chicago Botanic Garden

\$79/\$99

Join Nancy Clifton for what will be a fall favorite; a rustic urn of fresh materials of the season. Using a small tabletop size, rustic-looking urn, you will add fresh flowers, berries, nuts, and foliage of the season in hues of autumn orange, red, brown, burgundy, and deep yellow. All supplies are provided; please bring pruners, gloves, and a sturdy box to carry your completed project home.

Mosaic Workshop

November 15 – December 20

6 Tuesdays

7 – 9 p.m.

or

February 15 – March 21

6 Wednesdays

Annex 1

Bonnie Arkin, artist and designer

\$119/\$149

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!

New! Holiday Card Design Workshop

November 20

Sunday

1 – 4 p.m.

Design Studio

Judith Joseph, artist and educator

\$59/\$74

It's never too late to think about personalized holiday cards! You'll create a holiday letter that will stand out from the pack if you join artist Judith Joseph to learn the fine art of text decoration. Whether you're an experienced calligrapher or plan to cut and paste text from your computer printer, you will learn to lay out and enhance your note with beautiful, hand-drawn capitals and decorative borders. There is no need to have a completed letter; just bring your favorite art supplies. The finished product can be digitally scanned or color-copied for mass production. A supply list will be sent.

Wrapped in Red: Silk Scarf Dyeing With Natural Dyes

November 30

Wednesday

9 a.m. – 1 p.m.

Annex 1

Pamela Feldman, artist and educator

\$79/\$99

In this one-day class, students will learn about two different natural red dyes: cochineal, a blue-red dye from the Americas, and madder, an orange-red dye from Asia Minor. We will combine these two dyes to produce a unique red color on a silk scarf. Each student will dye a large silk scarf to take home. Scarf and dyes are included in the class fee. A short supply list will be sent to each student.

Merry, Berry Wreath

December 13

Tuesday

9 a.m. – noon

or

December 13

Tuesday

6 – 9 p.m.

Annex 2

Nancy Clifton, program specialist,

Chicago Botanic Garden

\$95/\$119

In this workshop, you will create your own festive holiday wreath featuring a bevy of berried branches. Fresh evergreens will be used as the base, and a variety of seasonal berried branches, including hypericum, peppercorn, blueberry, juniper, and others will be added for color and texture. This wreath will be great for your own home or for holiday gift giving. Please bring gloves, pruners, and a box for your finished wreath. The fee includes all other materials.

New! Holiday Carnation Tabletop Tree

December 15

Thursday

10 a.m. – noon

Annex 2

Nancy Clifton, program specialist,

Chicago Botanic Garden

\$65/\$82

Create a long-lasting floral topiary of red carnations in the shape of a holiday tree. It is easier than you think and makes a colorful addition to any table. It also makes a great gift. Learn how to make other floral pieces using the same technique! All materials are provided. Please bring a hand pruner and small, deep box to carry the finished project home.

Holiday Centerpiece

December 20

Tuesday

9:30 a.m. – noon

or

December 20

Tuesday

6:30 – 9 p.m.

Annex 2

Liz Rex, horticulturist, Chicago Botanic Garden

\$59/\$74

Join us at the Garden and create a lovely, long-lasting holiday centerpiece, using fresh-cut evergreens and seasonal flowers—ideal as a holiday centerpiece to grace your home, or to give as a special gift. Bring gloves, pruners, and a box for your finished arrangement. The fee includes all other materials.

Calligraphy and Floral Decoration

January 12 – February 16
 6 Thursdays
 9:30 a.m. – 12:30 p.m.
 Design Studio
 Judith Joseph, artist and educator
 \$229/\$287

Learn the art of beautiful writing and the flourishes of botanical illustration: it's a match made in heaven! Beginners, start with the basics of calligraphy and floral decoration for invitations and cards. More experienced students, polish your skills and complete a project. A supply list will be sent.

Photography for Beginners

January 14 – February 4
 4 Saturdays
 9 a.m. – noon
 Design Studio
 Jack Carlson, certified professional photographer
 \$129/\$162

If you have a camera but are new to photography, join professional photographer Jack Carlson as he explains how your camera works and how to use it to get the best images possible. Classroom sessions are followed by trips outdoors to immediately practice new skills with hands-on assistance. Returning to the classroom allows students to view and discuss the newly created images. The Garden is a perfect setting for learning how to use your camera and to appreciate the natural environment.

Macro Photography in the Greenhouse

January 17 – February 7
 4 Tuesdays
 1:30 – 3:30 p.m.
 Design Studio
 Jessie Stevens, principal photographer,
 Simply Jessie Photography
 \$129/\$162

Get away from the winter blues and come explore the Greenhouse. This class will introduce you to a world of detail often not noticed. The succulents, tropical blooms, and greenhouse color will serve as our natural laboratory. Each class will consist of learning new macro techniques followed by trips into the Greenhouses to practice new skills and artistic elements. Designed for intermediate photographers comfortable with basic photography techniques. Digital SLR, macro lens, and tripod required.

Beginning Frame Loom Weaving

January 17 – March 20
 10 Tuesdays
 9 a.m. – 1 p.m.
 Design Studio
 Pamela Feldman, artist and educator
 \$379/\$474

In this beginning level class, we examine the many possibilities of creating woven forms using a simple frame loom. Students begin by experimenting with the basic techniques of tapestry and plain-weave, and then explore ways of creating surface, image, and text within a woven form. Each student will weave both a sampler and final project. Visual presentations and demonstrations are included. Basic supplies are included in the class fee.

Frame Loom Weaving

January 18 – March 21
 10 Wednesdays
 9 a.m. – 1 p.m.
 Design Studio
 Pamela Feldman, artist and educator
 \$379/\$474

This class will focus on students' individual weaving projects and skill building. We will begin the class by assessing student levels, and then design a skill-building outline that will help students increase their ability to express themselves through the tapestry medium. Visual presentations and demonstrations are included. Basic supplies for the samples are included in the class fee. Students are expected to purchase additional materials for the final project. Requirements: Beginning Frame Loom Weaving, consent of instructor, and your own loom.

Behind-the-Scenes Tour: The Flower Market

January 18
 Wednesday
 10 a.m. – 3 p.m.
 Annex 2
 Nancy Clifton, program specialist,
 Chicago Botanic Garden
 \$89/\$112

Get a behind-the-scenes look at a local wholesale floral supplier. We will meet at the Garden for a floral design workshop on how to arrange a tabletop centerpiece. After lunch, we will caravan to the market for a unique tour, then shop for flowers and supplies that you can arrange at home, so bring your wallet! The program will conclude at the flower market in Northbrook. Please bring pruners and a box to transport your completed arrangement. All other materials for the workshop will be included in the fee. Please bring a sack lunch.

Watercolor in the Greenhouse

January 19 – March 8
 8 Thursdays
 9:30 a.m. – 12:30 p.m.
 Plant Science Lab, Regenstein Center
 Michelle Kogan, artist and instructor
 \$299/\$374

Join us for a warm retreat watercoloring in the Greenhouse. In this lush venue, we will create finished compositions using your choice of watercolor pencils, cakes, and tubes. Both beginners and seasoned artists are welcome. Beginners will focus on exercises starting with monochromatic (one-color) paintings and build up to full-color compositions, while seasoned artists will be given criticism in composition, color, and materials. Each student will receive individual critiques. Some prior drawing experience would be helpful. A supply list will be sent.

Botanical Art: Learning How to Draw

January 20 – February 24
 6 Fridays
 9 a.m. – noon
 Design Studio
 Derek Norman, artist and director,
 Midwest Center for Botanical Documentation
 \$249/\$312

This class is designed for those who have a desire to draw and paint and who are convinced they can't. If you are intimidated by the sight of a sheet of white paper, this class is for you. Learn the fundamental principles of putting pencil to paper by developing a basic pencil-line technique. Understand how to establish shape, form, depth, and dimension, as well as proportions and perspective! This class is also recommended for beginning horticultural students.

New! Botanical Art: Painting in Gouache

January 20 – February 24
 6 Fridays
 1 – 4 p.m.
 Design Studio
 Derek Norman, artist and director,
 Midwest Center for Botanical Documentation
 \$249/\$312

Historically, 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 the traditions that make this technique so satisfying and appealing to both the accomplished and the beginning botanical artist. Gouache (opaque watercolor) technique is ideal for highly detailed botanical painting and also 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. Current and historical examples of gouache technique will be studied to help further the students' awareness of accomplished gouache technique.

Beginning Flower Arranging

February 2 – 23

4 Thursdays

1 – 3 p.m.

Plant Science Lab, Regenstein Center

Nancy Clifton, program specialist,

Chicago Botanic Garden

\$229/\$287

Join Nancy Clifton and learn the basics of flower arranging in this series of hands-on classes. The first week focuses on the basics, such as cut-flower care, mechanics, wiring, and many other techniques, including the types of tools used when working with fresh flowers. Week two features the simple beauty of line arrangements. Week three highlights the most popular style, the mass arrangement. Week four combines the line style with the mass arrangement to create a style that has it all! No previous knowledge is needed to attend this series. Please bring pruners and a small box for your finished arrangements. All other materials are included in the fee.

Pop-Up Flowers of the Midwest: Beginners

February 3

Friday

9 a.m. – 4 p.m.

Linnaeus Room

Shawn Sheehy, pop-up engineer and author

\$89/\$110

Create pop-up cards featuring native flowers of the Midwest! Fundamental techniques of pop-up engineering will be demonstrated and practiced while building these flowers, using little more than a knife, glue, and card stock. At the end of the day, you will have a collection of four or five cards that you might either keep for further study or give to family and friends. No experience is necessary, but binding and/or sewing skills will speed your progress. A supply list will be sent.

New! Pop-Up Flowers of the Midwest: Intermediate

February 10

Friday

9 a.m. – 4 p.m.

Linnaeus Room

Shawn Sheehy, pop-up engineer and author

\$89/\$110

If you completed the simpler blooms in the beginner's workshop, you're ready to move on to the complex flowers of this intermediate pop-up flower workshop. Columbine, pasture rose, and blue flag iris are among the blooms included in this set of cards. A supply list will be sent.



Photo by Allen Rokach

Master photographer Allen Rokach reveals secrets of close-up garden photography.

Beginning Silk Painting

February 6 – April 2 (no class February 20)

8 Mondays

1 – 3 p.m.

Design Studio

Vivian Visser, artist and educator

\$239/\$299

This class will help you develop techniques in silk painting. This will include color mixing, textural applications, design, and detail painting. The classes will start with very simple techniques and gradually become more difficult. Beginners are welcome. Each class will start with the presentation of a sample piece and an explanation of how it is created. You will then make your own attempts at the technique with guidance by the instructor. The fabric is then fixed with the use of an iron, and you will take home your finished work. Silks and paints are included in the fee.

Beginning Watercolor

March 1 – April 5

6 Thursdays

1 – 3:30 p.m.

Design Studio

Patsy Welch, artist and educator

\$189/\$237

Watercolor is a delightfully fun medium! In this class, you'll learn a variety of watercolor techniques, including washes and how to make a range of textures on paper, plus some color theory to get you started. No prior experience is necessary. A supply list will be sent.

Back by Popular Demand!

The Magical World of Floral Close-Ups

March 9

Friday

7 – 9 p.m.

Alsford Auditorium

Allen Rokach, master garden photographer

\$29/\$37

Allen Rokach will take you on a visual journey that begins with his early attempts at flower photography. He shows the path he traveled to become a master flower and garden photographer, with the emphasis on his dramatic floral close-ups and his new impressionistic images.

Floral Close-Up Photography with Allen Rokach

March 10

Saturday

8 a.m. – 6 p.m.

Garden View Room

Allen Rokach, master garden photographer

\$179/\$224

Discover the magical miniature world found in close-ups of flowers with master photographer Allen Rokach. He will show you how to use macro lenses, as well as inexpensive extension tubes and close-up filters on lenses you already have, to help you create dramatic and aesthetic images of flowers as you have rarely seen them. You will learn how to pre-visualize the image you want and use conventional and digital camera settings to achieve the results you desire, control sharpness in the subject and background, use color and composition aesthetically, work with natural light and electronic flash to add light as needed, explore creative solutions to difficulties such as motion, and use simple "after capture" techniques to expand your creative toolbox.

Photographing Signs of Spring

March 16 – April 6

4 Fridays

9 a.m. – noon

Design Studio

Jack Carlson, certified professional photographer

\$99/\$124

When new shoots begin to appear through the light coating of frost that's still on the ground, it's a perfect time to reach for your camera. Join Jack Carlson on a photographic journey through the Garden to capture those subtle signs of the season that are often overlooked. From new pinecones in the Dwarf Conifer Garden to trumpeter swans, spring will be here in many forms just waiting to be photographed. Participants are strongly urged to bring a tripod. A close-focusing lens would be helpful, but is not required. Both film and digital capture are welcome.

BOTANICAL ARTS CERTIFICATE OF MERIT

Botanical Drawing 1

Winter session

January 17 – March 6

8 Tuesdays

6 – 9 p.m.

Design Studio

Marlene Hill Donnelly, scientific illustrator,

Field Museum

\$279/\$349

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 to learn to draw plants accurately and beautifully.

Botanical Drawing 3

January 21 – February 25

6 Saturdays

9:30 a.m. – 12:30 p.m.

Plant Science Lab, Regenstein Center

Marlene Hill Donnelly, scientific illustrator,

Field Museum

\$229/\$287

ART elective

We will explore different approaches to capture beautiful and accurate botanical detail, frequently using the microscope. We will work primarily in pencil and will experiment with different tools to achieve particular textures and effects. Prerequisites: Botanical Drawing 1 and 2 or equivalent.

Pen and Ink I

January 23 – March 5

(no class February 20)

6 Mondays

6 – 9 p.m.

Design Studio

Derek Norman, artist and director,

Midwest Center for Botanical Documentation

\$229/\$287

ART requirement, traditional track

This studio class will examine pen and ink drawing by the study of natural botanical forms, shapes, and dissections. We will study the use of a variety of pen and ink techniques (stipple, cross-hatching, contour-line, and combinations); the execution of black-and-white elements to create value, tone, and texture (such as leaf venation, stem texture, and shading); and create positive and negative tones to create depth and dimension. Prerequisite: Botanical Drawing 1.

Color Mixing

March 13 – April 17

6 Tuesdays

6 – 9 p.m.

Design Studio

Marlene Hill Donnelly, scientific illustrator,

Field Museum

\$229/\$287

ART requirement

Learn to mix accurate, exciting color including the vivid, specific hues of flowers, the bright and subdued greens of leaves, and the deep, subtle colors in shadows. We'll make charts for permanent reference and then apply this knowledge to paint flowers and leaves from live specimens. We will work in watercolor, but the exercises apply to all media.

Dry and Wet Colored Pencil Workshop

March 29 – April 26

(no class April 19)

4 Thursdays

6 – 9 p.m.

Design Studio

Priscilla Humay, artist and educator

\$139/\$174

Explore this medium through drawing from real life provided by nature in the Garden. Learn various color application techniques of dry application, wet color surface mixing, and dry and wet color layering. Find the underlying form, color, and line on which to build a solid drawing. Demonstrations, individual guidance, and open critiques are given each session. The School's CEUs=1.2

Botanical Drawing 2

April 24 – May 29

6 Tuesdays

6 – 9 p.m.

Design Studio

Marlene Hill Donnelly, scientific illustrator,

Field Museum

\$229/\$287

ART requirement

Continue to build your drawing skills with advanced graphite techniques, light and dark media on toned paper, and carbon dust. We will work outside whenever the weather permits. Prerequisite: Botanical Drawing 1.

Pen and Ink 2

April 30 – June 11

(no class May 28)

6 Mondays

6 – 9 p.m.

Design Studio

Derek Norman, artist and director,

Midwest Center for Botanical Documentation

\$229/\$287

ART requirement, traditional track

This studio class will examine advanced pen and ink techniques and composition in classic botanical documentation and illustration. We will draw advanced plant forms and their parts under the microscope, developing sound linear and tonal skills, communicating accurate botanical information and 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.

Form and Texture in Watercolor

Visiting Artist Program

May 4 – 6

Friday – Sunday

9 a.m. – 4 p.m.

Design Studio

Marilyn Garber, artist and educator, Minnesota School

of Botanical Art at The Bakken Museum in

Minneapolis

\$359/\$449

ART elective

This class will emphasize creating optimum form while illustrating a variety of plant textures. Translucent petals, veins in petals, shiny leaves, bumpy leaves, hairy leaves and stems, and color patterns will be experimented with as you create a study sheet of textures in watercolor. Flat wash with an emphasis on dry brush will be incorporated. A presentation on the unfinished works of Franz Bauer will be included. The School's CEUs=1.8

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

Chicago Botanic Garden members pay the lower of the two fees listed.

Wellness & Fitness

Discover the many possibilities offered at the Chicago Botanic Garden for growing and healing your body and spirit.

New! Aromatherapy for Colds Workshop

January 13

Friday

1 – 3 p.m.

Garden View Room

Etsuko Kobira Rutz, IFA Aromatherapist, LMT, BSc
\$39/\$49

Did you know that aromatherapy can help prevent colds or speed your recovery from a cold? We will learn about therapeutic essential oils that can be used as self-care to maintain your well-being this winter. We will also make two sample-sized take-home projects during the workshop: a perfume and mouthwash that both use appropriate and safe essential oils to help prevent catching cold this winter! All materials are provided.

New! Take Charge of Your Health!

January 25 – February 29

6 Wednesdays

10 a.m. – 12:30 p.m.

Linnaeus Room

White Crane Wellness Center instructors
\$30

Through this discussion-oriented six-week workshop, discover a new way to be in control of your health troubles, and live the life you WANT to live! This is a friendly and supportive workshop designed for people with different chronic health problems. Subjects covered include dealing with such problems as frustration, fatigue, pain and isolation; appropriate exercise for maintaining and improving strength, flexibility, and endurance; appropriate use of medications; communicating effectively with family, friends, and health professionals; nutrition; and how to evaluate new treatments.

Students who attend at least four of the six sessions will also receive a \$15 gift card to a local grocery store. This program is brought to the Garden by the White Crane Wellness Center, a nonprofit organization that offers health education/health promotion programs for adults.

New! Home Spa Aromatherapy Workshop

February 4

Saturday

10 a.m. – noon

Fairchild Room

Etsuko Kobira Rutz, IFA Aromatherapist, LMT, BSc
\$39/\$49

Aromatherapy is a perfect tool for stress management and there are lots of essential oils that help promote relaxation and calm your busy mind! Do you want to learn how you can use essential oils for home spa treatments? Pamper yourself or a loved one with the fun sample-sized products you create in this workshop: a bath salt, body lotion, and mask. Come join the fun and have a fantastic and aromatic time with us! All materials are provided.

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. One-time class trial fee: \$15.

Gentle Yoga

Winter session: January 9 – March 12

Spring session: April 2 – June 11 (no class April 16)

10 Mondays

9 – 10:15 a.m. or 5:15 – 7 p.m.

Garden View Room

Steve Nakon, director, and Patricia Nakon, co-director, Whole Journey Northwest Yoga
\$135/\$170

Gentle yoga features 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 sense of peace and balance. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden.

Introductory Yoga

Winter session: January 11 – March 14

Spring session: April 4 – June 13 (no class April 18)

10 Wednesdays

5:15 – 6:30 p.m. or 7 – 8:15 p.m.

Garden View Room

Steve Nakon, director, Whole Journey Northwest Yoga
\$135/\$170

Introductory yoga is 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. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden. All are welcome. Join us as we explore the yoga basics.

Yoga Flow Beginner

Winter session: January 10 – March 13

Spring session: April 3 – June 12 (no class April 17)

10 Tuesdays

9:15 – 10:30 a.m. or 6 – 7:15 p.m.

Garden View Room

Steve Nakon, director, Whole Journey Northwest Yoga
\$135/\$170

The Yoga Flow series combines movement linked to the breath, working the body and engaging the mind. This is a moderately challenging course for students with some yoga experience. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden.

Yoga Flow Intermediate

Winter session: January 10 – March 13

Spring session: April 3 – June 12 (no class April 17)

10 Tuesdays

8 – 9:15 a.m.

or

Winter session: January 12 – March 15

Spring session: April 5 – June 14 (no class April 19)

10 Thursdays

9 – 10:15 a.m. or 6 – 7:15 p.m.

Garden View Room

Steve Nakon, director, Whole Journey Northwest Yoga
\$135/\$170

The Yoga Flow series combines movement linked to the breath, working the body and engaging the mind. This is a more exhilarating, challenging Flow series for students who have taken Beginner Flow or have comparable experience. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden.

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. Dress for the weather as class may be held outside when weather allows. One-time class trial fee: \$15.

Beginning Tai Chi

Spring session: March 14 – May 23 (no class April 18)

Summer session: June 6 – August 22

(no class June 20 or July 4)

10 Wednesdays

8 – 9 a.m.

Burnstein Hall

Gordon Lock, instructor

\$115/\$165

The course will introduce students to the principles of tai chi. It will include qigong warm-ups and practice of part I of the tai chi form. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden.

Intermediate Tai Chi

Spring session: March 15 – May 24 (no class April 19)
 Summer session: June 7 – August 23 (no class June 21 or July 5)
 10 Thursdays
 8 – 9 a.m.
 Burnstein Hall
 Gordon Lock, instructor
 \$115/\$165

For students with tai chi experience, this course will provide instruction in qigong warm-ups and refinement of part I of the tai chi form. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden.

Intermediate II Tai Chi

Spring session: March 15 – May 24 (no class April 19)
 Summer session: June 7 – August 23 (no class June 21 or July 5)
 10 Thursdays
 9:15 – 10:15 a.m.
 Burnstein Hall
 Gordon Lock, instructor
 \$115/\$165

This course will provide instruction in qigong warm-ups, refinement of part I, and instruction in part II of the tai chi form. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden.

Advanced Tai Chi

Spring session: March 14 – May 23 (no class April 18)
 Summer session: June 6 – August 22 (no class June 20 or July 4)
 10 Wednesdays
 9:15 – 10:15 a.m.
 Burnstein Hall
 Gordon Lock, instructor
 \$115/\$165

This course will focus on part II of the tai chi form and qigong warm-ups. Part I will be practiced occasionally. When weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden.

FITNESS WALKS

Walking is a great cardiovascular workout for all fitness levels. 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. Classes are conducted in the Regenstein Center courtyard during inclement weather. All fitness levels are accommodated. Dress for the weather; wear comfortable clothing and walking shoes. A water bottle will help keep you refreshed. The incremental multi-session pass allows the walker to choose which sessions to attend during the season. All 2012 passes expire on Saturday, November 17, 2012.

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

# of Sessions	Member/Nonmember
4 Sessions	\$38/\$46
8 Sessions	\$76/\$92
12 Sessions	\$114/\$138
16 Sessions	\$152/\$184
Season Pass	\$285/\$345
Drop-in Rate	\$10

Saturdays, March 3 – November 17, 8 – 9 a.m.
 Meet in Visitor Center

EXERSCAPE FITNESS: STRENGTH & TONING

ExerScape will be back in spring 2012—please check www.chicagobotanic.org/wellness for more information.

This class focuses on strength and conditioning amid the scenic beauty of the Garden. Enjoy energizing resistance workouts outside of a stuffy gym! These classes use resistance tubing and functional movements to help reduce your weight, improve your muscle tone, help increase your bone density, and broaden your flexibility and range of motion. Yoga mats are required. All fitness levels are accommodated. Dress for the weather, as class will be held outdoors whenever possible. Wear comfortable clothing and walking shoes.



The Garden offers yoga for all levels.



Community Gardening

Workshops in Sustainable Vegetable Production

Windy City Harvest trains adults in sustainable horticulture and urban agriculture.

All courses are held on Saturdays from 9 a.m. to noon in the greenhouse and classroom at the Daley College/Arturo Velasquez Institute, 2800 S. Western Ave. (enter the south parking lot from 31st Street). All materials and handouts are provided. Courses are taught by Chicago Botanic Garden and Windy City Harvest staff. Each workshop is \$39. Registration for each class ends a week before the class begins. There is a minimum of five students required to run the program and a maximum of 15 students.

REGISTRATION

Online: www.chicagobotanic.org/windycityharvest/courses

Mail: Send completed registration form to

Education and Community
Programs Registrar
Chicago Botanic Garden
1000 Lake Cook Road
Glencoe, IL 60022

Fax: Fax completed application to (847) 242-6330.

Crop Planning

January 28, 2012

Cabin fever is setting in. It's time to grab your seed catalogs and start dreaming about the growing season. Let's plan your veggie garden early!

Seed Starting

February 18, 2012

Learn different techniques for starting your own vegetable transplants. Learn a sustainable method for starting seeds. Blend your own seed-starting mix and use a soil-block maker.

Season Extension

March 31, 2012

Learn how to extend your spring and fall growing seasons with low tunnels and cold frames.



Workshop participants learn best practices from Garden experts.

