

## CERTIFICATE PROGRAM

The Native Plant Studies Certificate program is designed to give enrollees a well-balanced curriculum combining basic scientific background presented in lectures and enhanced through field experience. Certificate courses include botany, ecology, taxonomy and seasonal studies of local flora, as well as other appropriate courses. Classes are taught by NCBG staff, UNC professors and other area professionals.

A Certificate award requires passing the Core Curriculum of eight classes plus five electives and completion of a final project. One class completed within the 12 months prior to registration will be accepted as credit toward a certificate. Courses can be taken concurrently, although it is recommended that the three initial Botany courses be taken in the order listed. Courses have an attendance requirement and pass/fail test to indicate proficiency. Courses can be repeated, at your expense. Students have 5 years to complete all certificate requirements.

### REGISTRATION INFORMATION

A \$75 fee enrolls you in the Botanical Illustration Certificate program; courses are an additional charge. A \$50 graduation fee is due 6 weeks prior to graduation.

Classes are listed in the Garden's bi-monthly *Newsletter* and the web site: <http://ncbg.unc.edu>. Many fill up quickly, so please note dates for registration.

To qualify for the discounted member's cost and receive the *Newsletter*, you must be a member of the Botanical Garden. Membership forms are available at the front desk in the Totten Center and on the web.

## CERTIFICATE PROGRAM

## CURRICULUM

*Botany and local flora courses can be taken concurrently.*

### Core Classes

- \* Basic Botany (prerequisite for all other classes)
- \* Introduction to Taxonomy
- \* Introduction to Plant Families & Plant Keys
- \* Principles of Plant Ecology
- \* Conservation Biology
- \* North Carolina Plant Communities

*Two of:*

- \* Local Flora, spring
- \* Local Flora, summer
- \* Local Flora, fall
- \* Local Flora, winter

### Examples of Elective Classes

- \* Additional Local Flora classes
- \* Sex and the Single Flower, Pollination
- \* Conservation Biology of Plants
- \* Native Grasses & Sedges
- \* Aliens in the Backyard, Invasive Plants
- \* NC Rare & Endangered Plant Species
- \* Ferns & Fern Allies
- \* Dendrology
- \* Piedmont Forest Ecology

A **Final Project** may be started when half or more of the required classes have been completed. With the approval of the Garden's Program Manager, and under the direction of a qualified instructor or staff, the project will involve research, writing, fieldwork and a final report. Depending upon the scope of the project, a final presentation may be required.

### Class Formats:

Classes are generally held once a week, on weekdays or weekends, for 4 to 6 weeks. Each class is 3 or 4 hours in length.

## CURRICULUM

## APPLICATION FORM

Certificate in

# NATIVE PLANT STUDIES

\_\_\_\_\_ name

\_\_\_\_\_ street address

\_\_\_\_\_ city

\_\_\_\_\_ state

\_\_\_\_\_ zip

\_\_\_\_\_ email address

\_\_\_\_\_ day phone

\_\_\_\_\_ alternate phone (cell, etc.)

Are you a member of the Botanical Garden Foundation, the North Carolina Botanical Garden's non-profit support organization?

Yes  No

If not, would you like us to send you a membership application?

Yes  No

Please **enclose a one-time payment of \$75** to enroll in the Certificate in Native Plant Studies program. Courses will entail an additional fee. Make check out to NC Botanical Garden.

Mail completed form to :  
North Carolina Botanical Garden  
Certificate Programs  
University of North Carolina, Chapel Hill  
CB 3375, Totten Center  
Chapel Hill, NC 27599-3375

Date \_\_\_\_\_ Pd. \_\_\_\_\_ Recorded \_\_\_\_\_


## APPLICATION FORM

# The North Carolina Botanical Garden's

**Certificate in Native Plant Studies** is designed to provide comprehensive courses in botany, ecology and taxonomy for those who wish to expand their knowledge of the native flora of the southeastern United States. This Certificate will enhance the experience of the professional and dedicated amateur botanist and provide excellent credentials for those who are seeking botanical, ecological or conservation-related work.

A \$75 fee enrolls you in the certificate program (see Registration Application on reverse side). Tuition costs per course vary.

*The North Carolina Botanical Garden is a center for research, conservation and interpretation of plants, with special emphasis on plants native to the southeastern United States and horticultural plants having traditional uses or special botanical interest. The Garden's nearly 900 acres include the Display Gardens and Piedmont Nature Trails off of Old Mason Farm Road, Coker Arboretum and Battle Park on the UNC campus, and the Mason Farm Biological Reserve, a 367-acre natural area.*

 North Carolina Botanical Garden  
The University of North Carolina at Chapel Hill  
CB 3375, Totten Center  
Chapel Hill, North Carolina 27599-3375

Phone 919-962-0522  
Fax 919-962-3531  
Web [www.ncbg.unc.edu](http://www.ncbg.unc.edu)

7.21.2008

## Native Plant Studies

MONITORING ED. NC: Yellow River MARIC  
F.S. 510 FISHING DS  
STEP SLAVE WITH APPROXIMATE OUTLETS OF  
= ONOCHIA SUTTE W-FACING. PA  
NOW IN REAR OF FISHING - 20 YR. INT  
CANOPY. OPEN. PAPERBUSH TO 60 CM.  
QUERCUS STELLATA 20%  
QUERCUS FURCATA 5%  
FRAXINUS AMERICANA 15%  
QUERCUS ALBA 20%  
CORYA CAROLINAE - SEPTENTRIONALIS - AS  
CORYA ALBA 8%  
CORYA ALBA 2%  
CORYA PALIDA 3%  
PINUS ECHINATA 7%  
SUBCANOPY. OPEN.  
MAGNOLIA ACUTILAMBA UR. SUBCANOPY  
ACER LEUCODORNE. COLLECTED. T  
VIBURNUM RUFICORDE. ABUNDANT  
CORNUS FLORIDA  
OSTREA VIRGINIANA  
NALLUS BUBBA  
RER ORCA UR. ORCA



CERTIFICATE  
IN  
NATIVE  
PLANT  
STUDIES

