

Academic Programs

School of Professional Horticulture

The New York Botanical Garden's School of Professional Horticulture offers a two-year, full-time program combining the challenge of hands-on training with academic study to educate you to become a skilled and knowledgeable professional horticulturist.

Students in the School of Professional Horticulture:

- practice real-world horticultural skills, learning from the Garden's Horticulture staff; work with tropics in the famous Enid A. Haupt Conservatory; assist in maintaining a variety of woody and herbaceous plants in the collections and display gardens on the 250-acre grounds;
- practice integrated pest management techniques; and learn to identify over 1,000 plant species
- receive comprehensive academic instruction from some of the country's finest horticultural experts
- have access to a wealth of resources for studying (including the world-renowned LuEsther T. Mertz Library, William and Lynda Steere Herbarium, and plant collections)
- complete a six-month internship concentrating on a specific field of interest. After earning The New York Botanical Garden's Diploma in Horticulture, graduates are highly sought after for positions at botanical gardens, arboreta, nurseries, landscaping firms, and estates nationwide

Applications are due August 15 for the program beginning the following January. For a FREE catalog, call 718.817.8797 or visit the School online at nybg.org/edu/soph

Meet the Director of the School of Professional Horticulture at the Continuing Education Open House and Career Information Day on Saturday, September 10, 2011, or Saturday, March 10, 2012.

CEUs (Continuing Education Units)

American Society of Landscape Architects:

Select courses in this catalog are approved for CEUs from the American Society of Landscape Architects (ASLA) for their members. See page 33 for more information.

Association of Professional Landscape Designers

Select courses in this catalog are approved for CEUs from the Association of Professional Landscape Designers (APLD) for their certified members. A partial listing is provided below. For a complete list, call 718.817.8747. More information about APLD can be found on page 28 or at www.apld.org

Code	Course	CEUs
LAN 301	Landscape Design History	18
LAN 311	Graphics I	24
LAN 401	Landscape Design I	24
LAN 402	Landscape Design II	24
LAN 403	Landscape Design III	24
LAN 411	Graphics II	24
LAN 417	Graphics III	24
LAN 421	Site Engineering I	24
LAN 422	Site Materials and Details	24
LAN 485	Professional Practice for Landscape Designers	12
LAN 520	Landscape Design IV	33

International Society of Arboriculture: The International Society of Arboriculture (ISA) offers Continuing Education Units (CEUs) for a number of courses. For further information about the ISA, call 217.355.9411.

Northeast Organic Farming Association: The Northeast Organic Farming Association (NOFA) offers CEUs to Accredited Organic Land Care Professionals (AOLCPs) who have made a commitment: to practice in accordance with NOFA Organic Land Care Standards, to pursue ongoing education in methodology, and to create ecologically sound landscapes and living environments for their clients. A partial listing is provided below. For a complete list, visit www.nofa.org

BOT 331	Native Flora in Autumn
BOT 332	Native Flora in Winter
BOT 375	Dendrology: Woody Plant Identification
BOT 376	Herbaceous Plant Identification
GAR 311	Introduction to Plant Propagation
GAR 328	Designing a Sustainable Landscape
GAR 362	Introduction to Permaculture
GAR 420	Pruning Techniques
GAR 440	Landscape Care and Maintenance
GAR 444	Waterscaping
HRT 301	Soil Science I: Physical Properties
HRT 302	Soil Science II: Chemistry and Nutrition
HRT 321	Pruning Principles and Practices
HRT 331	Ornamental Woody Plants: Fall Trees and Shrubs
HRT 333	Ornamental Woody Plants: Conifers
HRT 339	Introduction to Wetland Regulations
HRT 347	Introduction to Wetland Restoration Management
HRT 348	Wetland Restoration: Planting and Design
HRT 365	The Art of Ecological Landscape Design and Management
HRT 384	Green Technology: Design, Installation, and Maintenance
HRT 420	Tree Identification
HRT 422	Tree Management
HRT 440	Winter Tree Identification
HRT 481	Disease Identification and Management

Pesticide Applicator Certification and Recertification

The New York State Department of Environmental Conservation (DEC) requires certification for all commercial pesticide applicators. Applicators may achieve certification by taking a 30-hour course such as *Preparation for the Pesticide Applicator Certification Exam (HRT 357)* offered at the Garden, usually each fall, and passing a State-administered examination. Applicators must periodically apply for recertification and must complete a number of courses that the DEC and the New Jersey State Department of Environmental Protection (DEP) have approved for recertification credit. Other courses also offer recertification credits for NYS-DEC and NJ-DEP. Look for the notation *Pesticide Applicator Recertification credits*.

NYBG/Bronx Community College Associate Degree Program

The New York Botanical Garden (NYBG) and Bronx Community College (BCC) of The City University of New York offer an Associate Degree program. The first year of the program is offered at BCC where students take academic courses. The second year is spent at NYBG, where students take academic courses and do practical work in horticulture in one of three areas: Horticulture, Landscape Design, or Floral Design (Commercial Floristry). Upon completion, students receive an AAS (Associate of Applied Science) degree in Ornamental Horticulture from Bronx Community College. For more information, contact the Botanical Garden, 718.817.8747, or Rebeca Araya, rebeca.araya@bcc.cuny.edu, 718.289.5538, Department of Biology and Medical Lab Technology, Bronx Community College. Information is also available at www.bcc.cuny.edu/DegreePrograms under "Ornamental Horticulture." Financial aid information is available from the Financial Aid Office, Colston Hall 504, Bronx Community College, 718.289.5700. Students must have classes approved by BCC prior to registering.