UNIVERSITY of GUELPH

CHANGING LIVES
IMPROVING LIFE

Sustainable Urban Agriculture Certificate

Sustainable Urban Horticulture Certificate

Online continuing education courses and programs for professional development or personal enrichment.

www.urbanhort.ca

Offered in Partnership with

ROYAL BOTANICAL GARDENS
www.rbg.ca

Office of OPEN LEARNING
Your Learning Connection

OAC
food · life · leadership

Plant Agriculture

The **Sustainable Urban Agriculture Certificate** is designed for individuals who are interested in agricultural sustainability in an urban environment, as well as professionals who are currently working in urban agricultural programs. The courses address the broad topics and issues of urban sustainable agriculture that is environmentally sound and has a positive social impact on individuals and the communities in which they live. Specific topics include ecology of urban gardens, planning and urban agricultural design, nutrition and food processing, and marketing strategies. Sustainable urban agriculture protects land and water, improves quality of life, and promotes effective citizenship.

The **Sustainable Urban Horticulture Certificate** will focus on the environmental, social and economic implications of horticulture in our cities. The courses will address the land management practices and choices that will maintain plants intended for use in urban landscape design. Social sustainability maximizes the personal connection to nature and the enjoyment of gardens and plants. Ecological sustainability and stewardship minimizes the ecological footprint of the garden, and maximizes the relevance of gardens and green spaces for promoting natural biodiversity. Courses will also address micro-economic sustainability in maximizing aesthetic and property values through innovative garden design, minimizing the use of fertilizers and pesticides, and encouraging the use of recycled materials in gardens.

Programs start

September 2010

COURSES

All courses are delivered in an online format.

Theory and Principles of Sustainable Urban Agriculture and Horticulture This course will identify the potentials, constraints and strategies for developing gardens in the urban and suburban environment.

Fundamentals of the Role of Plants in Urban Sustainability This course will examine the impacts and contributions of ornamental and food gardens to community health, biodiversity, and environmental enhancement.

Sustainable Urban Crop Production Learn best management practices, tools and techniques to grow food productively and sustainably in a variety of urban environments.

Food Processing and Urban Gardening Examine the theory, practices and principles to store, can, dry and freeze your harvest. Current food safety guidelines and requirements are emphasized.

Ecology of Gardens and Landscapes in an Urban Environment This course examines the interactions and impacts of abiotic (soil and water) and biotic (plant, animal, and human activities) networks in urban gardens and landscapes. Explore strategies and techniques to restore and rehabilitate urban landscapes.

Agricultural Plant Identification for Urban Gardeners Identify fruit, vegetable, small grain, herb and flower crops suitable for urban locations. Learn crop specific cultural practices, harvest guidelines and potential insect and disease problems.

Business Management Principles This course is oriented to the entrepreneur and provides the necessary skills to start a small business. Explore aspects of being a business owner from initial planning stages to retirement considerations.

Naturalizing and Restoring Urban Gardens This course examines the theory and practice involved in the process of converting degraded urban greenspace into functioning ecological areas. Planning, design, soil preparation, plant selection focusing on the use of native plant species and maintenance programs are all highlighted.

Sustainability, Economics and Horticulture This course looks at business skills required to establish and operate a small horticultural business. Learn how to identify and develop potential markets for your horticultural products.

Human Well-Being and the Urban Garden Environment The importance of green spaces to the well-being of urban dwellers cannot be underestimated. Using case studies from around the world, students will learn how people and gardens interact and how landscapes improve lives.

Introduction to Plant Identification This course discusses the identification and culture of evergreen and deciduous trees, shrubs and vines as well as herbaceous plants and indoor plants.

Each Certificate Program consists of 4 core courses and 1 elective course.

Core Courses	SUA	SUH
Theory and Principles of Sustainable Urban Agriculture and Horticulture	✔	✔
Fundamentals of the Role of Plants in Urban Sustainability	✔	✔
Naturalizing and Restoring Urban Gardens		✔
Sustainability, Economics and Horticulture		✔
Sustainable Urban Crop Production	✔	
Food Processing and Urban Gardening	✔	

Elective Courses (select one course)		
Ecology of Gardens and Landscapes in an Urban Environment	✔	✔
Human Well-Being and the Urban Garden Environment		✔
Introduction to Plant Identification		✔
Agricultural Plant Identification for Urban Gardeners	✔	
Business Management Principles	✔	

Note: There are no prerequisites for any courses. Courses may be completed in any sequence.

www.urba
The Sustainable Urban Agriculture Certificate program is designed for:
Urban residential food growers
Community gardeners
Co-operative association workers
Municipal planners
Public gardens staff
Hospitality and restaurant staff
Food Bank managers
Environmental advocates
The Sustainable Urban Horticulture Certificate program is designed for:
Urban gardeners
Landscape designers and builders
Naturalists
Environmental advocates
Municipal planners
Public gardens staff
Conservationists
Nursery workers
Business Improvement Association staff
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Office of Open Learning Your Learning Connection

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Guelph ON, Canada N1G 2W1

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For a complete listing of courses and schedule of offerings visit: **www.urbanhort.ca**

Registration Form

First name:_____ Last name: _____

Address:_____ City:_____

Prov./State: _____ P.C./Zip:_____ Country: _____

Home Phone: _____ Home Fax: _____

Business: _____

Address:_____ City:_____

Prov./State: _____ P.C./Zip:_____ Country: _____

Title/Position: _____ Email: _____

Business Phone:_____ Business Fax: _____

Course(s):_____

_____

Early Bird Tuition: $595 CDN per course for registrations received 30 days or more before the course start date.
Regular Tuition: $645 CDN per course for registrations received 29 days or less before the course start date.

Payment Information

Tuition: $_____

OOL Bursary Donation*: $_____

Total Enclosed: $_____

*Staff and friends of the Office of Open Learning (OOL) have established and contribute annually to a bursary fund to assist students in need. We invite you to consider making a contribution to this fund. If you wish, add your donation amount on the registration form. For further information visit: www.open.uoguelph.ca/bursary

☐ Cheque/Money Order (Payable to the University of Guelph)
☐ Visa ☐ MC ☐ AMEX

Card #_____

Cardholder: _____

Expiry: _____ /_____(mm/yyyy)

Signature: _____

Register by phone, fax, mail or online! *(web address above)*

Ph: 519-767-5000 Fax: 519-824-1112 or 519-767-1114

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