

Horticulture Technology: Citations

Faculty of Science and Horticulture	kpu.ca/science
School of Horticulture	kpu.ca/hort
Implementation Date	01-Sep-2011
Start Date(s)	September January May
Intake Type	Open intake
Instructional Cycle	Semester-based
Program Type	Undergraduate
Credential Granted	Citation
Offered At	Langley
Format	Full-time Part-time
How to Apply	www.kpu.ca/admission

DESCRIPTION

If you want to acquire specific horticulture skills and knowledge backed by a university credential, consider a citation. Equal to approximately ¼ of a diploma (five courses), citations will enhance your skills and could open doors to a new career. All citation courses can be applied to at least one KPU Horticulture diploma specialization.

Enrol in a citation to:

- develop technical skills and knowledge in a specific focus
- apply technical knowledge to solve practical problems
- prepare for employment with an industry specialization

Eleven different specializations:

ARBORICULTURE

Trees are valuable to our environmental, economic, and cultural well-being. Learn how to maximize their benefits by the proper selection, establishment, and maintenance practices.

FOUNDATION IN LANDSCAPE DESIGN

Learn to combine plant selection, design theory and practice, commercial gardening methods, and construction to create and install a landscape that reflects your client's vision.

GARDEN CENTRE OPERATIONS

Develop your skills in basic horticulture and plant care. As a retail employee you will be able to answer customer questions about a broad range of plants such as "What is it?, Where to do I plant it?, How do I keep it healthy?"

HORTICULTURAL SCIENCE

Study the core disciplines of plant science, soil management, plant identification, and pest management. This citation is an excellent foundation for further study within all horticulture specialties.

INTRODUCTION TO SUSTAINABLE HORTICULTURE

Discover and apply sustainable practices to organic crop production. Study the wide range of sustainable strategies used in a variety of horticultural operations.

LANDSCAPE PLANT HEALTH

Learn how to identify and control many types of plant health problems in all landscapes and find interesting career possibilities in parks and gardens.

PRODUCTION FACILITIES

Study the principles and practices of the construction, maintenance, and use of greenhouse and nursery facilities and equipment.

PRODUCTION HORTICULTURE IN BC

This citation provides students with basic skills in crop production in a protected environment or greenhouse setting. Complementary courses will provide core knowledge in horticulture science.

PRODUCTION PLANT HEALTH

Learn how to identify and control all kinds of plant health problems. These skills can lead to a career in pest management of greenhouse and nursery pests.

RESIDENTIAL LAWN CARE

It is easy to grow a mediocre lawn and hard to have a great one. Learn the essential skills required to install and maintain great residential and commercial lawns.

TURFGRASS PEST MANAGEMENT

Learn how to identify and control various plant health problems found in turf that will open doors to pest management careers in turf-related industries.

STUDENT PROFILE

Students who wish to contribute to environmental and community well-being, engage in creative activities, own and operate their own businesses, or engage in hands-on work will enjoy horticulture.

Many students enter the horticulture citations to upgrade their skills or to investigate a career change. Faculty and staff are supportive and sensitive to the issues faced by students who might embark on a post-secondary program after a significant period away from formal education.

New immigrants with prior experience in horticulture abroad might consider a Citation to bring relevance to their existing experience and so improve their career prospects.

Individuals with allergies to dust, pollen or plant products, or specific chemicals should be aware of the potential impact of practicing horticulture on their health. Moderate physical fitness and a healthy back are generally required for a successful career in horticulture.

ADMISSION REQUIREMENTS

The Faculty's Admission Requirements, which consist of KPU's undergraduate English Proficiency Requirement, apply to this program.

CURRICULAR REQUIREMENTS

Arboriculture

The following courses (18 credits) are required to complete the citation with this specialization:

All of:

HORT 1102	Botany for Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 2308	Landscape Pest Management	3 credits
HORT 2442	Arboriculture II	3 credits

Foundation in Landscape Design

The following courses (15 credits) are required to complete the citation with this specialization:

All of:

HORT 1124	Landscape Gardening Methods	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 2327	Sustainable Landscape Design I	3 credits
HORT 2355	Plant Identification 3	3 credits
HORT 2426	Landscape Construction	3 credits

Garden Centre Operations

The following courses (16 credits) are required to complete the citation with this specialization:

All of:

HORT 1102	Botany for Horticulture	3 credits
HORT 1105	BC Pesticide Applicator Certification	1 credit
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Foundations of Plant Health	3 credits

And one of:

HORT 1193	Crop Production Practices	3 credits
HORT 1293	Crop Production Operations	3 credits

And one of:

HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1261	Plant Propagation	3 credits
HORT 2355	Plant Identification 3	3 credits

Horticultural Science

The following courses (15 credits) are required to complete the citation with this specialization:

All of:

HORT 1102	Botany for Horticulture	3 credits
HORT 1104	Soils and Growing Media	3 credits

HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Foundations of Plant Health	3 credits

Plus one of:

HORT 1230	Sustainable Turf Management	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 1261	Plant Propagation	3 credits

Introduction to Sustainable Horticulture

The following courses (15 credits) are required to complete the citation with this specialization:

All of:

HORT 1104	Soils and Growing Media	3 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 2490	Organic Crop Production	3 credits

Plus one of:

HORT 1102	Botany for Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits

Landscape Plant Health

The following courses (16 credits) are required to complete the citation with this specialization:

All of:

HORT 1102	Botany for Horticulture	3 credits
HORT 1105	BC Pesticide Applicator Certification	1 credit
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 2308	Landscape Pest Management	3 credits

Production Facilities

The following courses (15 credits) are required to complete the citation with this specialization:

All of:

HORT 1118	Basic Machinery Operation and Maintenance	3 credits
HORT 2334	Irrigation and Drainage Practices	3 credits
HORT 2375	Production Facilities and Systems	3 credits
HORT 2473	Greenhouse Climate Control	3 credits

Plus one of:

HORT 1193	Crop Production Practices	3 credits
HORT 1293	Crop Production Operations	3 credits

Production Horticulture in BC

The following courses (15 credits) are required to complete the citation with this specialization:

All of:

HORT 1104	Soils and Growing Media	3 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1193	Crop Production Practices	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 1293	Crop Production Operations	3 credits

Production Plant Health

The following courses (16 credits) are required to complete the citation with this specialization:

All of:

HORT 1102	Botany for Horticulture	3 credit
HORT 1105	BC Pesticide Applicator Certification	1 credit
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 2378	Production Horticulture Pests	3 credits

Plus one of:

HORT 1193	Crop Production Practices	3 credits
HORT 1293	Crop Production Operations	3 credits

Residential Lawn Care

The following courses (16 credits) are required to complete the citation with this specialization:

All of:

HORT 1104	Soils and Growing Media	3 credits
HORT 1105	BC Pesticide Applicator Certification	1 credit
HORT 1118	Basic Machinery Operation and Maintenance	3 credits
HORT 1132	Turf Maintenance Operations	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 1230	Sustainable Turf Management	3 credits

Turfgrass Pest Management

The following courses (16 credits) are required to complete the citation with this specialization:

All of:

HORT 1102	Botany for Horticulture	3 credit
HORT 1104	Soils and Growing Media	3 credits
HORT 1105	BC Pesticide Applicator Certification	1 credit
HORT 1217	Foundations of Plant Health	3 credits
HORT 1230	Sustainable Turf Management	3 credits
HORT 2333	Turfgrass Pest Management	3 credits

CREDENTIAL AWARDED

Upon successful completion of the Arboriculture citation program, students are eligible to receive a **Citation in Horticulture Technology, Arboriculture**.

Upon successful completion of the Foundation in Landscape Design citation program, students are eligible to receive a **Citation in Horticulture Technology, Foundation in Landscape Design**.

Upon successful completion of the Garden Centre Operations citation program, students are eligible to receive a **Citation in Horticulture Technology, Garden Centre Operations**.

Upon successful completion of the Horticultural Science citation program, students are eligible to receive a **Citation in Horticulture Technology, Horticultural Science**.

Upon successful completion of the Introduction to Sustainable Horticulture citation program, students are eligible to receive a **Citation in Horticulture Technology, Introduction to Sustainable Horticulture**.

Upon successful completion of the Landscape Plant Health citation program, students are eligible to receive a **Citation in Horticulture Technology, Landscape Plant Health**.

Upon successful completion of the Production Facilities citation program, students are eligible to receive a **Citation in Horticulture Technology, Production Facilities**.

Upon successful completion of the Production Horticulture in BC citation program, students are eligible to receive a **Citation in Horticulture Technology, Production Horticulture in BC**.

Upon successful completion of the Production Plant Health citation program, students are eligible to receive a **Citation in Horticulture Technology, Production Plant Health**.

Upon successful completion of the Residential Lawn Care citation program, students are eligible to receive a **Citation in Horticulture Technology, Residential Lawn Care**.

Upon successful completion of the Turfgrass Pest Management citation program, students are eligible to receive a **Citation in Horticulture Technology, Turfgrass Pest Management**.