

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
Admission Type	Open admission
Enrolment Type	Open enrolment
Program Type	Undergraduate
Credential Granted	Citation
Offered At	Langley
Format	Part-time
How to Apply	www.kpu.ca/admission

DESCRIPTION

If you are looking to acquire specific skills and knowledge backed by a university credential, consider a horticulture citation. Equal to approximately ¼ of a diploma (five to seven courses), a citation can enhance your skills or offer a start on a career. All citation courses are transferable to at least one KPU Horticulture diploma.

Enrol in a citation to:

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

Eleven different specializations:

FOUNDATION IN LANDSCAPE DESIGN

Combine plant selection, design theory, and computer aided design to create designs that reflect your client's vision.

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.

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 either residential landscape horticulture or organic greenhouse crop production.

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.

PRODUCTION FACILITIES

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

GARDEN CENTRE OPERATIONS

What is it, where do I plant it, and will it grow beside my...? Develop your skills in plant care, plant propagation, and sales and customer service.

COMMERCIAL HORTICULTURE IN BC

This citation is designed for graduates of agronomy or field based horticulture. Add knowledge of and learn the techniques used in B.C.'s greenhouse and nursery industry.

PEST MANAGEMENT, PRODUCTION

Pest managers make decisions. Learn how to make better decisions for production horticulture.

PEST MANAGEMENT, LANDSCAPE

Pest managers make decisions. Learn how to make better decisions for landscape horticulture.

PEST MANAGEMENT, TURF

Pest managers make decisions. Learn how to make better decisions for turf.

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 to upgrade their skills or to facilitate a career change. Faculty and staff are supportive and sensitive to the issues faced by students who embark on a post-secondary program after a significant period away from school, college, or university.

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 these horticulture disciplines.

The citation is an excellent credential for those who seek some specific horticulture knowledge but who are not able to consider either a diploma program or apprenticeship.

CAREER OPPORTUNITIES

The citation may be valuable to supplement a student's knowledge in a particular topic. As such, a citation can help establish or advance a career in horticulture.

PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

PROGRAM 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

Commercial Horticulture in BC

The following courses (17 credits) are required to complete the citation with this specialization:

One of:

HORT 1171	Production Practices — Fall	2 credits
HORT 1271	Production Practices — Spring	2 credits

Plus all of:

HORT 2372	Greenhouse Vegetable Production	3 credits
HORT 2378	Production Horticulture Pests	3 credits
HORT 2463	Nursery Production	3 credits
HORT 2477	Production Management	3 credits

Plus one of:

HORT 2371	Fall Floriculture	3 credits
HORT 2479	Spring Floriculture	3 credits

Foundation in Landscape Design

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

All of:

HORT 1155	Introduction to Plant Identification	3 credits
HORT 1224	Landscape Drafting	3 credits
HORT 2320	Landscape Design 1	3 credits
HORT 2355	Plant Identification 3	3 credits
HORT 2426	Landscape Construction	3 credits

And one of:

HORT 1119	Landscape and the Environment I (not offered every year)	3 credits
HORT 1122	Introduction to Landscape Practices	2 credits

Garden Centre Operations

The following courses (17.5 credits) are required to complete the citation with this specialization:

All of:

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
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HORT 1102	Botany for Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 1261	Plant Propagation	3 credits

And one of:

HORT 1171	Production Practices - Fall	2 credits
HORT 1271	Production Practices - Spring	2 credits

And one of:

HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1119	Landscape & the Environment I (not offered every year)	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
	Sustainable Horticulture Enterprises (under development)	3 credits

Plus one of:

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

Plus one of:

HORT 1119	Landscape and the Environment I	3 credits
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HORT 2490 Organic Greenhouse Crop Production 3 credits

Pest Management, Landscape

The following courses (15.5 credits) are required to complete the citation with this specialization:

All of:

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 2308	Landscape Pest Management	3 credits

Plus one of:

HORT 1240	Arboriculture I	3 credits
HORT 1102	Botany for Horticulture	3 credits

Pest Management, Production

The following courses (17.5 credits) are required to complete the citation with this specialization:

All of:

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 1271	Production Practices - Spring	2 credits
HORT 2378	Production Horticulture Pests	3 credits

Pest Management, Turf

The following courses (18.5 credits) are required to complete the citation with this specialization:

All of:

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1104	Soils and Growing Me	3 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 1230	Sustainable Turf Management	3 credits
HORT 2333	Turfgrass Pest Management	3 credits

Production Facilities

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

All of:

HORT 1116	Introductory Equipment Maintenance	2 credits
HORT 1171	Production Practices—Fall	2 credits
HORT 1271	Production Practices—Spring	2 credits
HORT 2375	Production Facilities and Equipment	3 credits
HORT 2334	Irrigation, Drainage & Lighting	3 credits
HORT 2473	Greenhouse Environment and its Control	3 credits

Residential Lawn Care

The following courses (16.5 credits) are required to complete the citation with this specialization:

All of:

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1104	Soils and Growing Media	3 credits
HORT 1116	Introductory Equipment Maintenance	2 credits
HORT 1134	Turf Maintenance Operations	2 credits
HORT 1217	Foundations of Plant Health	3 credits
HORT 1230	Sustainable Turf Management	3 credits
HORT 2334	Irrigation, Drainage and Lighting	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 Commercial Horticulture in BC citation program, students are eligible to receive a **Citation in Horticulture Technology, Commercial Horticulture in BC**.

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 Pest Management, Landscape citation program, students are eligible to receive a **Citation in Horticulture Technology, Pest Management, Landscape.**

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

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

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 Residential Lawn Care citation program, students are eligible to receive a **Citation in Horticulture Technology, Residential Lawn Care.**