

# DIPLOMA IN HORTICULTURE TECHNOLOGY

## At a Glance

### Faculty

[www.kpu.ca/science](http://www.kpu.ca/science) (<http://www.kpu.ca/science/>)

### Area of Study:

[www.kpu.ca/hort](http://www.kpu.ca/hort) (<http://www.kpu.ca/hort/>)

### Academic Level:

Undergraduate

### Credential Granted:

Diploma

### Start Date:

Fall (September)

Spring (January)

Summer (May)

### Intake Type:

- Open

### Minimum Credits Required:

63

### Curriculum Effective Date:

01-Sep-2016

## Description

The program curriculum and the success of KPU's diploma graduates have established the Horticulture Technology Diploma with or without specialization as a highly valued credential in the workplace. The Diploma program combines theory and technique with best horticulture practice. Students learn how to use the tools and technologies that are an everyday part of industry workplace. The program also provides students with a foundation in horticulture science. Students develop an understanding of the environmental requirements for optimum plant growth. Best practice and sustainability are key learning outcomes.

All students must undertake a minimum 455 hours of 'Work Experience', typically completed between first and second year. This provides opportunity for students to apply their new skills and identify where their careers may lie after graduating.

### Specialization Options

The Diploma in Horticulture Technology can be completed without specialization or by choosing one of three specializations:

- Landscape Horticulture Systems (<https://calendar.kpu.ca/programs-az/science-horticulture/horticulture-technology-landscape-systems-diploma/>)
- Sustainable Production Horticulture (<https://calendar.kpu.ca/programs-az/science-horticulture/horticulture-technology-sustainable-production-diploma/>)

- Turf Management (<https://calendar.kpu.ca/programs-az/science-horticulture/horticulture-technology-turf-management-diploma/>)

## Progression to a Degree Program

### KPU Bachelor of Horticulture Science

Graduates of a KPU Horticulture Technology Diploma, with or without specialization, can pursue one of KPU's Bachelor of Horticulture Science degree programs, with a choice between the Major in Urban Ecosystems or the Major in Plant Health major. (Please refer to the Plant Health (<https://calendar.kpu.ca/programs-az/science-horticulture/plant-health/>) or Urban Ecosystems (<https://calendar.kpu.ca/programs-az/science-horticulture/urban-ecosystems/>) section of the Calendar for details.) Students can combine their diploma education with the enhanced horticulture science knowledge at the degree level and earn two credentials (Diploma and Degree). Those who wish to pursue this option should meet with the Faculty of Science and Horticulture Degree Advisor to discuss applying credit to one of these unique School of Horticulture degree programs.

### KPU Bachelor of Business Administration

A successful career progression in horticulture often leads to a management role. The Horticulture Technology diploma programs include a foundation in business skills and graduates may be eligible to apply many program credits towards KPU's Bachelor of Business Administration in Entrepreneurial Leadership. Students can combine diploma-level education with enhanced business skills and earn two credentials (Diploma and Degree). Students who wish to pursue this option should meet with the Faculty of Science and Horticulture Degree Advisor to discuss course planning that would facilitate application to the School of Business degree program.

## Who Studies Horticulture Technology?

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

Many students enter the Horticulture Technology Diploma to upgrade their skills or 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 formal education.

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.

**Note:** In addition to the Faculty Admission Requirements (<https://calendar.kpu.ca/programs-az/arts/admission-requirements/>), students will be required to have completed a minimum of Mathematics 11 Foundations (with a minimum grade of C) or equivalent in order to complete the program without undertaking preparatory courses. Students are encouraged to speak with an Academic Advisor to plan course selection accordingly.

## Requirements

### Admission Requirements

Students pursuing a Diploma in Horticulture Technology must be admitted to the Faculty of Science & Horticulture (<https://>

calendar.kpu.ca/programs-az/science-horticulture/admission-requirements/).

## Declaration Requirements

Students intending to graduate with Horticulture Technology diploma must declare the credential. At the time of declaration, the student must satisfy all of the following requirements:

- In good academic standing with the University.
- Completion of a minimum of 15 credits of undergraduate coursework.

## Curricular Requirements

Students pursuing a Diploma in Horticulture Technology must complete at least 63 credits. Students should be familiar with the basic computer applications of word processing and spreadsheets. If students require upgrading, they should take CBSY 1105.

Students must select Year 1 courses carefully to ensure that Year 2 course prerequisites are met. An Academic Advisor can assist with this course selection. For a list of HORT courses and the semesters they're offered see [kpu.ca/hort](http://www.kpu.ca/hort/) (<http://www.kpu.ca/hort/>)

Course	Title	Credits
<b>Year 1</b>		
HORT 1102	Botany for Horticulture	3
HORT 1104	Soils and Growing Media	3
HORT 1105	BC Pesticide Applicator Certification	1
HORT 1110	Introduction To Sustainable Horticulture	3
HORT 1118	Basic Machinery Operation and Maintenance	3
HORT 1155	Introduction To Plant Materials	3
HORT 1217	Foundations of Plant Health	3
Select one of the following:		3
CMNS 1140	Introduction to Professional Communication	
ENGL 1100	Introduction to University Writing <sup>1</sup>	
HORT	Select 9 credits from courses in HORT at the 1100 level	9
<b>Credits</b>		<b>31</b>
<b>Year 2</b>		
HORT 2302	Horticulture Work Experience	1
HORT 2306	Work Experience Report	1
Select one of the following:		3
HORT 2308	Landscape Pest Management	
HORT 2333	Turfgrass Pest Management	
HORT 2378	Production Horticulture Pests	
Select one of the following:		3
BUSI 1205	Supervisory Skills	
BUSI 1215	Organizational Behaviour <sup>2</sup>	
BUSI 1250	Human Resources Management I	
Select one of the following:		3
ACCT 1110	Introductory Financial Accounting I <sup>2</sup>	
BUSI 1209	Business Management in Horticulture	
BUSI 1210	Essentials of Management	
HORT	Select 21 credits from courses in HORT, including at least 15 credits from courses at the 2000 level or higher	21
<b>Credits</b>		<b>32</b>
<b>Total Credits</b>		<b>63</b>

<sup>1</sup> Applicable to the Bachelor of Horticulture Science, Major in Plant Health or Major in Urban Ecosystems, and the Bachelor of Business Administration in Entrepreneurial Leadership.

<sup>2</sup> Applicable to the the Bachelor of Business Administration in Entrepreneurial Leadership.

## Credential Awarded

Upon successful completion of this program, students are eligible to receive a **Diploma in Horticulture Technology**.