



香港中文大學專業進修學院

School of Continuing and Professional Studies
The Chinese University of Hong Kong

Diploma Programme in Arboriculture

樹藝文憑課程

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資歷架構
Qualifications
Framework

QF Level: 3

QR Registration No.: 15/003034/L3

Validity Period: 01/10/2015 - On-going

Introduction

With the growing environmental awareness in society, there has been a rapidly expanding interest in, and demand for, conservation and protection of mature trees on construction or development sites and a higher professional standard in tree management and maintenance, particularly in urban area. In response to the increasing needs of professionals in tree management and maintenance, the School of Continuing and Professional Studies, The Chinese University of Hong Kong (CUSCS) and The Hong Kong Trees Conservation Association (HKTCA) jointly offer this Programme.

HKTCA

HKTCA is a non-profit making organisation registered in 2001 by a group of persons who have keen interest in preserving the trees and the green environment in Hong Kong. The mission of the Association is to promote public awareness in tree conservation and to promote education and research in arboriculture. The Association has organised many activities in the past few years with the aim to promote awareness among the public, particularly the students, in tree preservation. The Association will continue to engage various educational activities in a joint effort to promote and safeguard the urban and rural environment of Hong Kong in the best interest of the community.

Objectives

- To provide both theoretical and practical training to participants who are interested in developing their career in the arboriculture or garden management field ; and
- To equip existing practitioners in the related fields such as facilities managers, consultants, clerk of works, as well as arboricultural or horticultural staff to acquire specialised knowledge and practical skills and techniques in arboriculture or tree management.

Delivery Mode

This Programme will be delivered by face-to-face instruction. A variety of learning formats will be used to facilitate active participation and learning. The formats will include class assignments, group projects, individual-based workbooks, written reports, oral presentations, practical sessions and site visits.

Medium of Instruction

Teaching activities will be conducted in Cantonese, supplemented by English. Learning and reference materials will be in English or Chinese, as appropriate. Assessments are in English or Chinese, as appropriate.



Programme Duration and Structure

There are 6 modules with a total of 228 contact hours. This Programme can be completed in 18 months by part-time study mode. The 6 modules are listed as follows:

Module 1: Plant Identification and Selection (42 hours)

Module Outline:

- Plant physiology
- Plant morphology
- Plant classification and nomenclature
- Identification of amenity trees, shrubs and woody creepers
- Species selection
- Field trips, e.g. Hong Kong Park and Hong Kong Zoological and Botanical Gardens

Module 2: Principles of Plant Culture (30 hours)

Module Outline:

- Soil and planting media
- Nutrition and fertilization
- Water, drainage and irrigation
- Pests, diseases, disorders and weeds
- Safety measures in using pesticides and fungicides
- Propagation, planting stock and nurseries
- Field trips: e.g. Kowloon Park

Module 3: Practical Skills in Tree Care (30 hours)

Module Outline:

- Planting, protection and aftercare
- Transplanting
- Use of chainsaw
- Pruning
- Preventive maintenance
- Felling and disposal
- Trees on development/ construction sites
- Occupational safety and health
- Field trips, e.g. Disneyland Resort, hired venues for practical work

Module 4: Tree Climbing and Aerial Rescues (42 hours)

Module Outline:

- Identify hazard and risks and apply emergency procedures
- Climbing equipment checks and storage
- Access and movement techniques within trees to achieve work positions
- Branch walking, use of redirects movement within the crown
- Aerial rescues recovery of both conscious and unconscious casualties
- Field trips: hired venues for practical work

Module 5: Tree Risk Assessment and Mitigation (42 hours)

Module Outline:

- Tree risk assessment: principles and standard documentation
- Identification of structural defects in trees
- Identification of pests, diseases and disorders in trees
- Decay compartmentalization mechanism of trees
- Application of visual tree assessment procedures on site
- Application of decay detection equipment
- Correction and mitigation of hazardous trees
- Field trips: e.g. North District Park, Lai Chi Kok Park

Module 6: Tree Management (42 hours)

Module Outline:

- An overview on the field of arboriculture and related fields e.g. garden/ landscape design
- Work of the arboriculturists and how to work with related professions
- Surveys and inspections
- Inventory registers and record systems
- Amenity value and valuation
- Management plans
- Contracts
- Laws and regulations
- Government procedures and technical guidelines
- Instruction, presentation and interviewing techniques
- Research methods and report writing

Admission Requirements

Applicants seeking admission to this Programme should meet the following minimum requirements:

- (1) 5 passes in the Hong Kong Certificate of Education Examination (including English language) or equivalent, and with at least 2 years' working experience in the related fields; or
- (2) Level 2 or above in five subjects in Hong Kong Diploma of Secondary Education (HKDSE) Examination, and at least 1 years' related working experience; or
- (3) Mature students at the age of 21 or above with an interest in arboriculture, tree management or the protection of trees on development sites. They will be considered for admission on an individual basis.

Assessment Methods and Award of Diploma

Participants' performance is monitored and assessed on a continuous basis through a variety of learning activities as stated in the aforesaid Delivery Mode.

The Diploma in Arboriculture will be awarded to participants who:

- (1) have attended a minimum of 70% of the total hours in each module;
- (2) have passed the assessment in each module.

Fees

Please refer to our website for details.

For further information, please visit our website: cuscs.hk



Learning Centres

Unit A, 1/F, Bank of America Tower, 12 Harcourt Road, Central
Unit 01, Basement 1, East Ocean Centre, 98 Granville Road, Tsim Sha Tsui
13/F, Oriental Centre, 67 Chatham Road South, Tsim Sha Tsui
Tsui Lam Estate, Tseung Kwan O (opposite Yan Lam House)

Head Office

6/F, Railway Plaza, 39 Chatham Road South, Tsim Sha Tsui

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