



CAREER INFORMATION 2021

DIPLOMA IN SUSTAINABLE HORTICULTURE & LANDSCAPING



01 JAN - 31 DEC 2021



Diploma in Sustainable Horticulture and Landscaping NQF 6 SAQA ID: 97807

Location

M L Sultan Campus (Block B, 5th Floor)

Description of the Programme

One of the most rapid growth areas in the field of agriculture is that of horticulture. Horticulture includes producing, processing and marketing fruits, vegetables, and ornamental plants (turf grass, flowers, shrubs and trees grown and used for their beauty).

Landscape horticulture includes the production, marketing and maintenance of landscape plants. Ranging from simple garden design to more sophisticated architectural designs, landscaping involves the organizing and enriching outdoor space by placing plants and structures in an agreeable and useful relationship with the nature. Sustainable horticulture and Landscaping are dependent on a well maintained biodiversity. Hence, biodiversity conservation is an integral aspect of horticulture with a major focus on plant conservation and landscape restoration.

The three-year diploma course in Sustainable Horticulture and Landscaping is aimed at producing graduates who are competent to plan, develop and manage sustainable plant nurseries and landscapes in a variety of contexts (commercial, community, and amenity), while ensuring sustainable and effective use of natural resources. It will empower young people with the necessary skills set to create and maintain sustainable environments within the various strata of South African society. The first two years are spent in formal study while the third year involves a six-month period of structured practical learning at the department's School of Horticulture training facility and a further six-month integrated learning project with suitable industry mentors developing the required competencies.

The Durban University of Technology has a long experience in preparing young people for entry into the horticultural industry. The function of the DUT is to provide professional and technical training as well as facilities to enable students to study their particular subjects and gain maximum benefit. It is for this reason that at Durban University of Technology, all the horticultural aspects of the course are taught in the context of practical reality.

Career opportunities

There are various sources of employment for individuals trained in horticultural practices and Landscaping. These businesses include greenhouses, nurseries, Garden Centre's, golf courses, municipal parks departments, government departments, orchards, floral design shops, grounds maintenance operations, vegetable and fruit production and marketing, or self-employment. Horticulturists also work in the wholesale or retail trade (sales), as researchers, Grounds superintendents or Green Keepers.

Explanation of Points scale:

symbol	Senior Certificate	
	Higher Grade	Standard Grade
A	8	6
B	7	5
C	6	4
D	5	3
E	4	2
F	3	1
%	NSC Level	Points
90-100	7	8
80-89%	7	7
70-79%	6	6
60-69%	5	5
50-59%	4	4
40-49%	3	3
30-39%	2	2
20-29%	1	1

Entry Requirements (Diploma in Sustainable Horticulture and Landscaping)

NATIONAL SENIOR CERTIFICATE (NSC) (01 January 2009)		SENIOR CERTIFICATE (SC) (PRE 2009)			NATIONAL CERTIFICATE VOCATIONAL (NCV)	
NSC DIPLOMA ENTRY		SENIOR CERTIFICATE (SC)			NATIONAL CERTIFICATE VOCATIONAL (NCV) LEVEL 4	
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	H G	SG	NCV level 4 with statutory requirements for a diploma entrance with the following subjects:	Mark
English OR English (1st additional)	4	English	E	D	English	50%
Mathematics	3	Biology	E	D	Mathematics OR	50%
Mathematics Literacy	4	Mathematics	E	D	Mathematics Literacy	50%
Life Sciences OR (or recognized equivalent)	4				Life Sciences OR (or recognized equivalent)	60%

NB: The sum of an applicant's achievement rating for (Mathematics **OR** Mathematical Literacy) + (Life Sciences OR Physical Science) must be 7.

Additional Entry Requirements:

Preference will be given to those applicants who have had practical experience with a reputable horticultural concern or who have an agricultural or horticultural background.

OR

Admission Requirement based upon Work Experience, Age and Maturity

For admission to entry level DIPLOMA and certificate studies:

A person may, subject to such requirements as the Senate

may determine, be admitted to the Institution even if such a person is not in a possession of a National Senior Certificate, Senior Certificate or an equivalent certificate, provided that:

- The person shall have reached the age of 23 in the first year of registration and shall have at least:
 - three years' appropriate work experience; and/or
 - capacity for the proposed instructional programme, which shall be assessed at the discretion of the respective Head of Department by a Senate approved admission assessment comprising of a DUT Standardised Assessment Test for Access and Placement (SATAP), Academic Literacies (AL) & English for Academic Purposes (EAP) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and
- The relevant Faculty Board shall be satisfied that the person's standard of communication skills, ability to study successfully and/or work experience are such that the person, in the opinion of the relevant Faculty Board, should be able to complete the proposed instructional programme successfully. If required, the communication skills and study skills should be tested; and
- The person's application for admission in terms of work experience, age and maturity is approved prior to registration.

Applicants intending to gain admission through work experience, age and maturity must submit their applications at least four months before commencement of the academic year inclusive of the date of scheduling writing a requisite eligibility assessment.

Tuition Fees

To assist you with your planning, the 2020 fees have been indicated.

PLEASE NOTE: DUT cannot be held liable for the fees in this brochure as the 2021 fees are not yet final.

First Year Curriculum				
Name of the Module	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
Semester 1				
Plant Studies IA	PLSA101	5	12	R2 670
Horticulture IA	HRTA101	5	16	R3 560
Business Management IA	BSMA101	5	8	R1 780
Estate & Grounds Management IA	EGMA101	5	8	R1 780
Growth Media Studies	GRMS101	5	8	R1 780
Cornerstone 101	CSTN101	5	12	R2 530
Total				R14 100
Semester 2				
Plant Studies IB	PLSB101	5	12	R2 670
Horticulture IB	HRTB101	5	12	R2 670
Business Management IB	BSMA101	5	8	R1 780
Estate & Grounds Management IB	EGMB101	5	8	R1 780
Ecology	ECLG101	5	8	R1 780
IGE Elective	ICTL101	5	8	R1 950
Total				R12 630
TOTAL CREDITS SEMESTER 1&2			120	

Second Year Curriculum				
Name of the Module	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
Semester 1				
Plant Studies 2A	PLSA201	6	8	R1 780
Horticulture 2A	HRTA201	6	12	R2 670
Business Management 2A	BSMA201	6	8	R1 780
Integrated Pest & Disease Management 2A	IPDA201	6	8	R1 780
Environmental Sustainability 2A	EVSA201	6	8	R1 780
Sustainable Landscape Planning & Practice 2A	SLPA201	6	12	R2 670
Me, My World, My Universe IGE Elective	MWMU101	5	8	R1 950
Total				R14 410
Semester 2				
Plant Studies 2B	PLSB201	6	12	R2 670
Horticulture 2B	HRTB201	6	8	R1 780
Entrepreneurship & Small Business Management 2B	ESBM201	6	8	R1 780
Integrated Pest & Disease Management 2B	IPDB201	6	8	R1 780
Environmental Sustainability 2B	EVS201	6	8	R1 780
Sustainable Landscape Planning & Practice 2B	SLPB201	6	12	R2 670
Total				R12 460
TOTAL CREDITS SEMESTER 1&2			120	

Third Year Curriculum				
Name of the Module	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
Semester 1				
Plant Studies 3A	PLSA301	6	16	R3 560
Horticulture 3A	HRTA301	6	16	R3 560
Horticultural and landscape Operations 3A	HLOA301	6	8	R1 780
Sustainable Landscape Planning & Practice 3A	SLPA301	6	16	R3 560
FGE Compulsory community Dev & Engagement	ASCE101	6	12	R3 110
IGE Elective				
• World of Work (IGE)	WWRK101	5	8	R1 710
• Leadership (IGE)	LDSH101			
Total				R17 280
Semester 2				
Plant Studies 3B	PLSB301	6	12	R2 670
Horticulture 3B	HRTB301	6	12	R2 670
Horticultural and landscape Operations 3B	HLOB301	6	8	R1 780
Sustainable Landscape Planning & Practice 3B	SLPB301	6	12	R2 670
Total				R 9 790
TOTAL CREDITS SEMESTER 1&2			120	

Application

Applicants who wish to enrol for the programme must apply through the CAO system by no later than 30 November of the previous year.

Application Forms

Contact the Central Applications Office (C.A.O.)

Address letters to:

Central Applications Office Private Bag X06

Dalbridge 4014

Tel: (031) 2684444

Fax: (031) 2684422

Apply online: <http://www.cao.ac.za>

CAO Code: Dip. - DUDSHL

Closing date for applications: 30 November 2020

For Further Information

Contact the Department of Horticulture Durban University of Technology

P O Box 1334

Durban 4000

Tel: (031)373 5233

Fax: (086) 674 0374/ (086) 743 6240

E-mail: dhireng@dut.ac.za

Financial Aid

For Financial Aid application for a DUT programme please apply online at www.nsfas.org.za or call the NSFAS call centre on 0860 067 327.

For an explanation on how to fill out the application form, please go to www.nsfas.org.za or contact the call centre on the number above.

Please note that completing a form does not guarantee Financial Aid. For further assistance, please consult the Department of Financial Aid and Scholarships on (031)373 2931/2557/2054.

This leaflet is for information purposes only and is not binding on the Durban University of Technology