Career Information
Diploma in Sustainable Horticulture and Landscaping
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.

Explaination of Points scale:

<table>
<thead>
<tr>
<th>symbol</th>
<th>Senior Certificate</th>
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<tbody>
<tr>
<td></td>
<td>Higher Grade</td>
</tr>
<tr>
<td>A</td>
<td>8</td>
</tr>
<tr>
<td>B</td>
<td>7</td>
</tr>
<tr>
<td>C</td>
<td>6</td>
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<td>D</td>
<td>5</td>
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<td>E</td>
<td>4</td>
</tr>
<tr>
<td>F</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>% NSC Level</th>
<th>Points</th>
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<tbody>
<tr>
<td>90-100</td>
<td>7</td>
</tr>
<tr>
<td>80-89%</td>
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</tr>
<tr>
<td>70-79%</td>
<td>6</td>
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<tr>
<td>60-69%</td>
<td>5</td>
</tr>
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<td>50-59%</td>
<td>4</td>
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<tr>
<td>40-49%</td>
<td>3</td>
</tr>
<tr>
<td>30-39%</td>
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</tr>
<tr>
<td>20-29%</td>
<td>1</td>
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Entry Requirements

<table>
<thead>
<tr>
<th>DEPARTMENTAL NSC REQUIREMENTS</th>
<th>DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS</th>
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<tbody>
<tr>
<td>Compulsory Subjects</td>
<td>NSC Rating Code</td>
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<tr>
<td>English (home) OR English (1st additional)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Maths Literacy</td>
<td>4</td>
</tr>
<tr>
<td>Life Sciences OR (or recognized equivalent)</td>
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NB: The sum of an applicant’s achievement rating for (Mathematics OR Mathematical Literacy) + (Life Sciences OR Physical Science) must be 7.

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:

(a) 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 (AI) & English for Academic Purposes (EAP) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and

(b) 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

(c) 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.

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.

Tuition Fees

To assist you with your planning, the 2019 fees have been indicated.

PLEASE NOTE: DUT cannot be held liable for the fees in this brochure as the 2020 fees are not yet final.

First Year Curriculum

<table>
<thead>
<tr>
<th>Semester One</th>
<th>2019 Fees</th>
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<tbody>
<tr>
<td>Plant Studies 1A</td>
<td>R2 530</td>
</tr>
<tr>
<td>Horticulture 1A</td>
<td>R3 370</td>
</tr>
<tr>
<td>Business Management 1A</td>
<td>R1 690</td>
</tr>
<tr>
<td>Estate &amp; Grounds Management 1A</td>
<td>R1 690</td>
</tr>
<tr>
<td>Growth Media Studies</td>
<td>R1 690</td>
</tr>
<tr>
<td>Cornerstone 101</td>
<td>R2 950</td>
</tr>
<tr>
<td>Total</td>
<td>R13 920</td>
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</tbody>
</table>
Semester Two
- Plant Studies 1B: R2 530
- Horticulture 1B: R2 530
- Business Management 1B: R1 690
- Estate & Grounds Management 1B: R1 690
- Ecology: R1 690
- IGE Elective: R1 850
- Total: R11 980

Second Year Curriculum
Semester Three
- Plant Studies 2A: R1 690
- Horticulture 2A: R2 530
- Business Management 2A: R1 690
- Integrated Pest & Disease Management 2A: R1 690
- Environmental Sustainability 2A: R1 690
- Sustainable Landscape Planning & Practice 2A: R2 530
- IGE Elective: R1 850
- Total: R13 670

Semester Four
- Plant Studies 2B: R2 530
- Horticulture 2B: R1 690
- Entrepreneurship & Small Business Management 2B: R1 690
- Integrated Pest & Disease Management 2B: R1 690
- Environmental Sustainability 2B: R1 690
- Sustainable Landscape Planning & Practice 2B: R2 530
- Total: R11 820

Third Year Curriculum
Semester Five
- Plant Studies 3A: R3 370
- Horticulture 3A: R3 370
- Horticultural and landscape Operations 3A: R1 690
- Sustainable Landscape Planning & Practice 3A: R3 370
- FGE Compulsory community Dev & Engagement: R2 950
- IGE Elective: R1 710
- Total: R16 460

Semester Six
- Plant Studies 3B: R2 530
- Horticulture 3B: R2 530
- Horticultural and landscape Operations 3B: R1 690
- Sustainable Landscape Planning & Practice 3B: R2 530
- Total: R 9 280

FOR FURTHER INFORMATION
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E-mail: dhireng@dut.ac.za

APPLICATION FORMS
Contact the Central Applications Office (C.A.O.)
CAO Code: N. Dip. - DUDSHL
Address letters to:
Central Applications Office
Private Bag X06
Dalbridge
4014
Tel: (031) 2684444
Fax: (031) 2684422
Apply online: http://www.cao.ac.za

Closing date for applications: 30 September 2019

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.