Bachelor of Health Sciences in Environmental Health  
NQF 8  
SAQA ID: 94797  

Location: Ritson Campus (Block H: First Floor)

Description of the Programme

Environmental Health Practitioners (EHPs) are health professionals who derive their expertise from a comprehensive knowledge of the physical, biological and social sciences. These sciences allow them to perform as efficient practitioners in the field of Environmental Health. He or she will be a valuable member of the community who will have the skills required to advise people and to investigate, evaluate and control the many facets that affect the environment in which we live.

As a result, a career as an EHP is dynamic and incorporates many different fields of interest. EHPs are concerned with the external environment and will deal with topics such as air, land, water and noise pollution. This will require full investigation and the implementation of intervention measures to control the sources of pollution and evaluate how they affect people and the environment. Investigations may extend into the field of urban and regional planning studies, with research into environmental hazards, in order to determine the many potential dangers; we are faced within the world today. By doing such studies, the EHP ensures that communities are generally safe and healthy places to live in. However, the EHP’s field of expertise is also required in the internal environment where people are exposed to many hazards. EHPs are extensively involved in all aspects concerning health in the workplace or occupational health, which requires the investigation, evaluation, and monitoring of industries with regard to all physical and chemical stresses within the working environment. This may involve asbestos, dusts, heat/cold, stress, noise, chemical hazards, and safety measures and may even extend to high and low pressures such as experienced by drivers and pilots. The EHP may be exposed to urban and rural communities and will be required to work independently and make decisions on their own. An EHP may be involved with communities in order to uplift their standards of health by introducing health awareness and community projects.

To this end, the work involves the:

- Control and prevention of infectious diseases such as cholera, typhoid, rabies and malaria.
- Another sector is Port Health, a division of the Department of Health. The Port Health Officer controls the importation of all food stuffs into the country. In addition, they ensure that no infected person or disease vector is allowed to enter the country by land or sea. This entails placing ships or aircraft under quarantine.
- Solving of a wide range of environmental issues and problems such as the provision of safe food and water and the proper disposal of wastes from all sources.

EHPs are required to ensure that such services are provided in a manner that is acceptable to the people and in terms of various by laws and Government regulations. The EHP acts as a representative of the public in order to ensure that adequate standards are maintained in all sectors. The EHP may be required to carry out risk assessment and risk management programmes in the field of food, environmental and occupational health in order to determine the many risks we are exposed to.

Duration

The programme is offered over a period of 4 years and runs over 8 semesters

Career Opportunities

Popular employers are private companies, municipal health departments, and state health, parastatals, provincial, and national government departments. Others include large food manufacturers, industries, mines and some hotel groups and environmental consultancies.

Entry Requirements (BHS in Environmental Health)

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<th>NATIONAL CERTIFICATE (NSC) January 2009</th>
<th>SENIOR CERTIFICATE (SC)</th>
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ments:
Applicants are required to present themselves for an interview and will be required to write an assessment test.

ADMISSION REQUIREMENTS BASED UPON WORK EXPERIENCE, AGE AND MATURITY

For admission to entry level degree studies:

A person may, subject to such requirements as the Senate may determine, be admitted if such a person is in possession of a National Senior Certificate, Senior Certificate or an equivalent certificate, but lacks the minimum requirements for admission to the degree 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 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) (2.5 hours) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and the person has obtained

(b) A conditional certificate of exemption from the Matriculation Board (when in possession of the Senior Certificate (SC); OR has met

(c) The requirements for Senate discretionary admission (when in possession of the NSC or equivalent), where Senate is satisfied the applicant has shown sufficient academic ability to ensure success, and that the person’s standard of communication skills, and/or work experience are such that the person, in the opinion of the Senate, should be able to complete the proposed instructional programme successfully.

(d) The person’s application for admission in terms of with 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 the 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 fees have been indicated below. An increase for next year, to accommodate the inflation rate, can be expected.

Please Note: DUT cannot be held liable for the fees in this brochure, as the 2020 fees are not yet final.

BHS in Environmental Health

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<thead>
<tr>
<th>Name of Module</th>
<th>Module Code</th>
<th>HEQSF Level</th>
<th>SAQA Credits</th>
<th>2020 Fees</th>
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<tr>
<td><strong>Year One - Semester One</strong></td>
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<tr>
<td>Chemistry I</td>
<td>CHMT101</td>
<td>5</td>
<td>16</td>
<td>R4370</td>
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<td>Anatomy &amp; Physiology IA</td>
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<td>Fundamental Environmental Health</td>
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<td>Personal &amp; Professional Develop I OR</td>
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<td>Computer Literacy</td>
<td>CLTY101</td>
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<td>Cornerstone 101</td>
<td>CSTN101</td>
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<td><strong>Year Two - Semester One</strong></td>
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<td>Planning For Built Environment</td>
<td>PLBE101</td>
<td>6</td>
<td>16</td>
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<td>Food Hygiene I **</td>
<td>FHYG101</td>
<td>6</td>
<td>20</td>
<td>R7770</td>
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<tr>
<td>Environmental Pollution I</td>
<td>ENPL101</td>
<td>6</td>
<td>16</td>
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Occupational Health & Safety I  OHSF201  7  20  R7770
Environmental Health Management & Admin I  EHMA201  8  12  R4150
Environmental Law and Legal Processes I  ELLP201  8  16  R4150
Occupational Health and Safety I  OHSF302  8  20  R7770
Research Project  RPEH101  8  12  R4670
Restorative Justice  OR  RSJS101  TBA  TBA  R2080
Philosophies and History of Healing  PHHL101  TBA  TBA  TBA

TOTAL  R27 490

Year Four - Semester Two

Disaster Management  DSMN101  8  8  R3110
Environmental Pollution I  ENPL301  8  20  R7770
Environmental Management  ENVM101  8  20  R7770
Food Hygiene I  FHYG301  8  16  R6220
Professional & Personal Development IV  OR  PPDV401  TBA  TBA  R3110
Ethics and Medical Law  EMDL101  TBA  TBA  TBA

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

OR
Apply online:  http://www.cao.ac.za

CAO Code: DUDEVH

Closing date for Applications:  30 November 2020

For Further Information
Contact the Department of Community Health Studies
Durban University of Technology
P O Box 1334
DURBAN 4000
Tel: (031) 373 2696 / 2809