

BACHELOR OF HEALTH SCIENCES IN ENVIRONMENTAL HEALTH



01 JAN - 31 DEC 2024

Bachelor of Health Sciences in Environmental Health

NQF Level: 8

SAQA ID: 94797

Qualification Code: BHEVH2

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.

Explanation of Points scale:

SENIOR CERTIFICATE (SC)		
SYMBOL	HIGHER GRADE	STANDARD GRADE
A	8	6
B	7	5
C	6	4
D	5	3
E	4	2
F	3	1

NATIONAL SENIOR CERTIFICATE (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 (BHS in Environmental Health)

NATIONAL SENIOR CERTIFICATE (NSC) 01 January 2009)		SENIOR CERTIFICATE (SC) (PRE 2009)			NATIONAL CERTIFICATE VOCATIONAL (NCV)	
NSC DEGREE ENTRY		SENIOR CERTIFICATE (SC) A Senior Certificate with matric exemption.			(NCV) Level 4	
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG	Compulsory Subjects	Mark
English	4	English	D	B	English	70%
Mathematics	4	Mathematics	D	B	Mathematics	70%
Physical Science	4	Physical Science	D	B	Physical Science	70%
Life Science	4	Biology	D	B	Life Science	70%
And TWO 20 credit subjects, (not more than one language)	4					

Additional Entry Requirements:

Applicants are required to present themselves for an interview and will be required to write an assessment test.

OR

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:**

- 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
- A conditional certificate of exemption from the Matriculation Board (when in possession of the Senior Certificate (SC)); OR has met
- 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.
- 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 for 2023 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 2023 fees are not yet final.

BHS in Environmental Health Curriculum

First Year Curriculum				
Name of Module	Module Code	HEQSF Level	SAQA Credits	2023 Fees
Physics I	PYSI111	5	8	TBA
Physics I	PYSI121	5	8	TBA
Chemistry I	CHMT101	5	16	R5010.00
Microbiology I	MBIO102	5	8	R5010.00
Anatomy & Physiology IA	ANPA102	5	16	R2630.00
Anatomy & Physiology IB	ANPB102	5	8	R4590.00
Mathematics I	MATH103	5	8	R2630.00
Communications	CMMS101	5	8	R2510.00
Computer Literacy	CLTI101	5	8	R2400.00
Fundamental Environmental Health	FNEH101	5	8	R5010.00
Cornerstone	CSTN101	5	12	R3580.00
Select ONE Module (Elective) from the List Below:				
Personal & Professional Develop I OR	PPDV101	5	12	R2380.00
Issues of Gender & Society in Health Care	IGSH101	6		R5350.00
TOTAL CREDITS			112	
TOTAL				R41100.00
Second Year Curriculum				
Planning for the Built Environment	PTBE101	6	16	R4760.00
Food Hygiene I **	FOHY101	6	16	R8920.00
Epidemiology I	EPDE101	6	16	R8920.00
Community Engagement and Development I	CEAD101	6	16	R7130.00
Research Methodology I	REME101	6	16	R5350.00
Environmental Pollution I	EPOLI01	6	16	R4760.00
Occupational Health & Safety I	OCHS101	6	16	R4760.00
Select ONE Module (Elective) from the List Below				
Cultural Diversity OR	CLDV101			R2230.00
Me, My World, My Universe OR	MWMU101	5	8	R2230.00
Introduction to Technopreneurship	ITCH101			R2070.00
Select ONE Module (Elective) from the List Below:				
Personal & Professional Development II	PPDV201	6	12	R2380.00
Contemporary Social Issues in SA CYC Work	CSIC101			R7130.00
TOTAL CREDITS			120	
TOTAL				R56090.00
Third Year Curriculum				
Environ Health Management & Admin I	EHMA101	7	16	R5940.00
Health Information Management	HINM101	7	8	R2380.00
Food Hygiene II	FOHY201	7	16	R8910.00
Epidemiology II	EPDE201	7	16	R7130.00
Research Methodology II	REME201	7	16	R5350.00
Environmental Law & Legal Processes I	ELAP101	7	16	TBA
Environmental Pollution II	EPOL201	7	16	R8910.00
Occupational Health and Safety II	OCSH202	7	16	R8910.00
Select ONE Module (Elective) from the List Below				
The Entrepreneurial Edge OR	TENE101	6	8	R2380.00
Equality and Diversity	EQDV101			R2230.00
Select ONE Module (Elective) from the List Below				
Personal & Professional Develop III OR	PPDV301	7	12	R2380.00
Educational Techniques	EDUT101			R5350.00
TOTAL CREDITS			140	
TOTAL				R62250.00
Fourth Year Curriculum				
Environmental Health Mngt & Admin II	EHEM201	8	16	TBA
Food Hygiene III	FOHY301	8	16	R7130.00
Environmental Pollution III	EPOL301	8	16	R8910.00
Environmental Management	EVRM101	8	16	R8910.00
Environmental Law and Legal Processes II	ELLP201	8	16	R4760.00
Occupational Health and Safety III	OCHS302	8	16	R8910.00
Disaster Management	DIMA101	8	8	R3570.00
Research Project	RPJET01	8	20	R5350.00
Select ONE Module (Elective) from the List Below				

Restorative Justice OR	RSJS101	7	8	R2380.00
Philosophies and History of Healing	PHHL101			TBA
Select ONE Module (Elective) from the List Below				
Personal and Professional Development IV OR	PPDV401	8	12	R3580.00
Ethics and Medical Law	ETML101			R5360.00
TOTAL CREDITS			144	
TOTAL				R63180.00

Application

Applicants who wish to enrol for the programme must apply through the CAO system by no later than 30 September 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 September 2023

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

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)3732931/2557/2054.

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