

REGISTRATION WITH HPCSA

Students that follow the Bachelor of Environmental Health degree must register with the HPCSA via the Professional Board for Environmental Health Practitioners as Student Environmental Health Officers.

After the successful completion of the programme that forms the foundation of primary health care as advocated by the World Health Organisation's Strategy for Sustainable Development, students can continue their studies in a variety of specialised fields (occupational health & safety, waste management, environmental epidemiology, food hygiene, water quality management, air pollution management, etc.)

COMMUNITY SERVICE

South African health care students have to do a year of community service during the year following their final year of study.

CAREER OPPORTUNITIES

Department of Health: National, Provincial

and Local government

Industry: i.e. Eskom, Volkswagen, GM

Food Industry

Construction Industry

Department of Agriculture

Mining Industry

Leisure and tourism

Education

Environmental management

Coastal zone management

Water management

Research

Please note that all reasonable steps have been taken to ensure that the information contained in this brochure was accurate at the date of publication. NMMU reserves the right to make changes to the programme details (e.g. rules, admission requirements etc.) as published in this brochure. Prospective students are advised to contact the admissions office or refer to the NMU website prior to applying.

Change the World

NELSON MANDELA
UNIVERSITY

ENQUIRIES

Applying to NMMU

Student Admissions

Tel: 041-5042003

Fax: 041-5041764

E-mail: admissions@mandela.ac.za

Website: www.mandela.ac.za

BACHELOR OF ENVIRONMENTAL HEALTH

The Department of Environmental Health

School of Behavioural Sciences

Faculty of Health Sciences

P. O. Box 77000

Nelson Mandela University

Tel: 041-5043523

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mandela.ac.za



**BACHELOR OF
ENVIRONMENTAL HEALTH**

BACHELOR OF ENVIRONMENTAL HEALTH (NOF LEVEL 8)

INTRODUCTION

The career of the environmental health practitioner is a dynamic and challenging one. It relates to people, their environment, human settlements, recreation, prevention of illness, remedying conditions which are a health risk, public guidance and far more. In short, it is the task of the environmental health practitioner to protect the people of the community where he or she practices, from any condition which could be harmful to their health.

THE SCOPE OF THE PROFESSION

- Water monitoring
- Waste management & general hygiene monitoring
- Vector control monitoring
- Environmental pollution control
- Disposal of the dead
- Chemical safety
- Control and monitoring of hazardous substances
- Food control
- Health surveillance of premises
- Surveillance and prevention of communicable diseases, excluding immunizations
- Radiation (ionizing & non-ionizing) monitoring & control
- Port health
- Noise control
- Malaria control

DURATION

The qualification is offered over at least four years of full-time study.

ENTRANCE REQUIREMENTS

- Minimum NSC statutory requirements for degree entry must be met.
- An applicant with NSC Grade 12 Mathematics requires a minimum Applicant Score of 390.
- NSC achievement rating of at least 50% for Mathematics.
- NSC achievement rating of at least 50% for Physical Sciences.
- NSC achievement rating of at least 50% for Life Sciences.
- Admission is subject to Departmental selection.

Students with Senior Certificate (SC)

Student Performance Score (SPS) of 32.
Senior Certificate with matriculation endorsement.
Mathematics Higher Grade E or Standard Grade C.
Biology Higher Grade E or Standard Grade C.
Physical Science Higher Grade E/Standard Grade C

Admission is subject to Departmental selection.

BURSARIES

NSFAS offers bursaries to deserving students

BACHELOR OF ENVIRONMENTAL HEALTH CURRICULUM

Year 1

- Chemistry – Theory & Practical
- Physics
- Microbiology
- Anatomy and Physiology
- Psychology – An Introduction
- Sociology – An Introduction
- Mathematics
- Communication – An Introduction
- Introduction to Environmental Health
- Sustainable Development
- Computer Literacy

Year 2

- Environmental Health Management and Administration II
- Planning for the Built Environment
- Food and Meat Safety II
- Biostatistics and Research methodology
- Community Development
- Water Quality Management
- Occupational Health and Safety II
- Epidemiology II

Year 3

- Environmental Health Management and Administration III
- Food and Meat Safety III
- Epidemiology III
- Research Methodology
- Waste Management
- Air quality management
- Occupational Health and Safety III
- Environmental Law and Legal Processes III

Year 4

- Environmental Health Management and Administration IV
- Disaster Management
- Food Management Systems
- Environmental Health Information Systems Management
- Research Project
- Environmental Management
- Occupational Health and Safety IV
- Environmental Law and Legal Processes (EMI) IV