



# Master of Public Health **ENVIRONMENTAL HEALTH TRACK**

*Faculty of Health Sciences  
University of Cape Town*







# WHAT IS ENVIRONMENTAL HEALTH?

**Environmental Health** (EH) is an interdisciplinary academic and research specialization of Public Health which focuses on the relationships between **people's health** and their **environment**.

EH addresses physical, chemical, biological, social, and psychosocial factors in the environment.

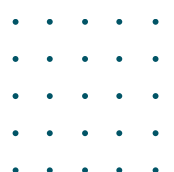
EH aims to **control** and **prevent environmental hazards** and to promote health and well-being through environmental strategies.



Environmental Justice

Many disciplines contribute to EH: **epidemiology** and **toxicology**, **psychology** and **communications**, **urban planning** and **food science**, **law** and **ethics**, and more.

EH thinking takes a systems approach, embracing complexity, and focusing on “upstream” factors as well as on “downstream” health impacts.



# WHY STUDY ENVIRONMENTAL HEALTH?

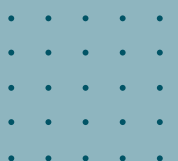
- ✓ To conduct research for evidence-based policy making.
- ✓ To make an impact on policies affecting the lives of vulnerable populations.
- ✓ Because 33% of the global burden of disease is due to EH factors (WHO 2016).



Climate Change & Health Effects

## WHAT CAN I DO WITH AN MPH IN ENVIRONMENTAL HEALTH?

- ✓ Work for **government** in health, environment, waste management, or pollution control
- ✓ Work in an **academic** or **research** institution
- ✓ Work for an **international development organization**
- ✓ Be a **consultant**





# PROGRAMME STRUCTURE

6

Core  
Courses

+

4

Electives

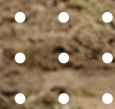
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Mini-dissertation  
on an EH topic

## Core Courses include:

- > Environmental Health and Policy
- > Children's Environmental Health
- > Climate Change, Pollution and Health
- > Public Health and Society
- > Introduction to Epidemiology
- > Quantitative/Qualitative Research



Children's Environmental Health







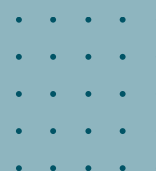
# \*Possible elective & specialisation choices (not exhaustive)



## **Chemicals:**



- International Chemicals Management Agreements
- Pesticide Risk Management
- Research Literacies
- Chemicals Risk Management
- Chemicals Risk Assessment
- Pesticide Toxicology
- Risk Communication and Policy Brief Development



## **Climate Change:**

- Introduction to Climate Change
- Climate Change Adaptation and Mitigation



## **Environmental Epidemiology:**

- Biostatistics I and II
- Advanced Epidemiology



## **Rights-based Approach:**

- Public Health and Human Rights



## **General:**

- Public Health Practicum
- Evidence-Based Healthcare



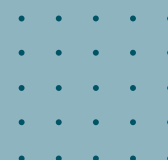
## **Health Systems:**

- Health Policy and Planning



## **Health Economics:**

- The Economics of Health Systems



*\*Convenor approval required and credits may vary*



# APPLICATION INFORMATION



**The full programme brochure can be downloaded at:**

<https://health.uct.ac.za/school-public-health/postgraduate-teaching-masters-programmes-master-public-health-mph/overview-about-programme>




Applications will open on **1st April**


Applicants must apply online by  
**31st October**



<http://applyonline.uct.ac.za>



The **Environmental Health Track** is convened by the Environmental Health Division in the School of Public Health and Family Medicine in the UCT Faculty of Health Sciences.



## CONTACT:



**MPH Administrator,**  
School of Public Health,  
Faculty of Health Sciences,  
University of Cape Town,  
Room 1.41, Level 1, Falmouth Building,  
Anzio Road,  
Observatory 7925,  
South Africa



**Tel:** +2721 650 1098



**E-mail:** [mphadmin@uct.ac.za](mailto:mphadmin@uct.ac.za) **Or**  
[environmentalhealth@uct.ac.za](mailto:environmentalhealth@uct.ac.za)



<https://health.uct.ac.za/school-public-health/divisions/environmental-health>

<http://www.publichealth.uct.ac.za>

