



Division of Environmental Health | UCT



School of Public Health
Departement Openbare Gesondheid
Isikolo Sempilo Yoluntu

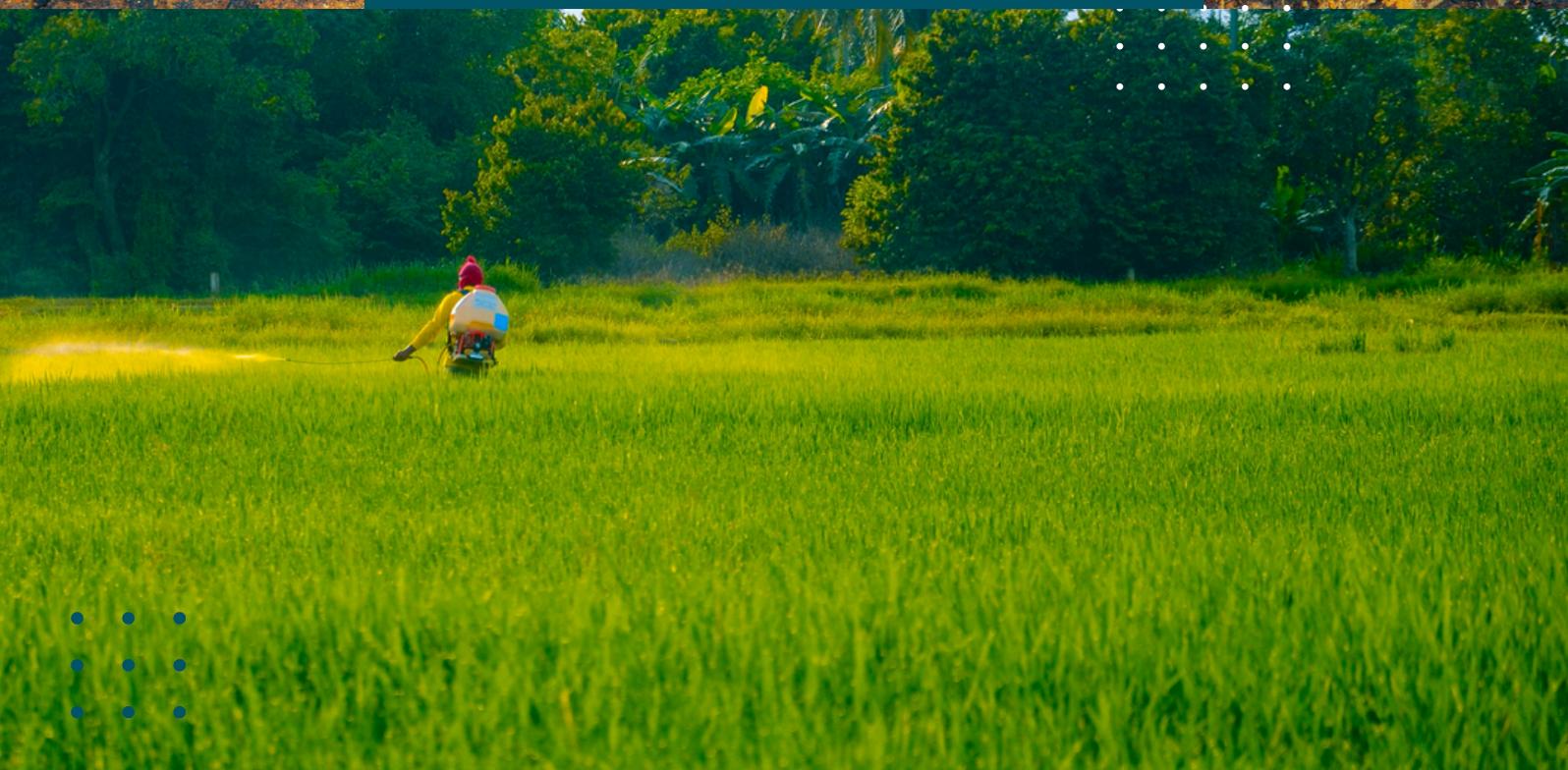


UNIVERSITY OF CAPE TOWN
IYUNIVESITHI YASEKAPA · UNIVERSITEIT VAN KAAPSTAD



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 +  **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-mp/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.



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

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

