



آغا خان یونیورسٹی

THE AGA KHAN UNIVERSITY

Offered by:

Department of Community Health Sciences

Information and Registration:

Master of Science in Public Health

Department of Community Health Sciences

Phone: +92-21 3486 4847

E-mail: quratulain.khairani@aku.edu

Environment, Climate Change and Human Health Standalone Course with Graduate Credits

February 7 – June 6, 2025 / 2:30 - 5:30 pm / Every Friday

The Master of Science in Public Health (MSPH) Programme is pleased to announce the standalone course scheduled for February – June 2025. This course is part of the programme curriculum but can also be taken without enrolling in a degree programme. Course credits can contribute towards a master's degree.

Course Description

This course provides an overview of the principles of environmental health and climate change, focusing on its current understanding as one of the most significant threats to human health. Students will explore environmental hazards—chemical, physical, and biological agents in air, water, and soil—and their effects on health, along with methodological approaches to climate and environmental epidemiology. The course emphasizes climate change's direct and indirect pathways influencing health, including its role in altering disease patterns, straining health systems, and exacerbating vulnerabilities in social and environmental determinants such as air quality, water safety, food security, and shelter availability. Students will analyze global and regional case studies illustrating climate change's impacts on public health, including emerging infectious diseases, geographical disease shifts, and disaster-driven disruptions to health infrastructure. Practical tools for hazard surveillance, risk assessment, and spatial-temporal analysis (e.g., satellite data) will be introduced. The course also covers mitigation and adaptation strategies with actionable interventions at national, provincial, and district levels to reduce climate-related health risks. Assessment includes home assignments, case-study-based seminars, quizzes, and mid- and end-semester examinations.

Course credits can contribute towards a master's degree:

Candidates who will achieve a cGPA of 3.5 or above after completing two courses or a cGPA of 3.0 or above after completing three courses are exempted from writing the Admission Test. They will be required to appear for an interview. The courses are valid for three years only for entry into the MSPH programme.

Important Information:

Submit the form via e-mail by Friday, January 10, 2025, at visiting.application@aku.edu along with the following as a PDF file:

- Completed and signed application form along with a photograph
- Attested copy of degree and marks sheet of sixteen years of schooling in the relevant field as mentioned in the criteria.
- Attested copy of CNIC / Passport
- Attested copy of work experience letter

Interested candidates are encouraged to ensure their applications are duly completed, as incomplete applications will not be processed.

AKU may request additional documentation or an equivalence certificate to clarify your qualification.

Course Director:
Dr. Zafar Fatmi

Course fee: PKR 106,500
Register by: January 10, 2025

Visit our website for more details : <https://www.aku.edu/mcpk/graduate/Pages/msph.aspx>