



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

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

***September 5 - December 31, 2023 | 3:00 - 6:00 pm | Every Friday***

The Master of Science in Public Health (MSPH) Programme is pleased to announce the standalone course scheduled for September - December 2023. 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 is an overview of the principles of environmental health. The course is intended to develop an understanding of environmental hazards, their effects on health, and various approaches to address these problems. Areas of emphasis are chemical, physical, and infectious agents in air, water, and soil affecting human health, methodological issues in environmental epidemiology, and global warming and climate change. The students will understand the methods, tools, and analysis (time series analysis) for investigating geographical disease occurrence, hazard surveillance, and risk assessment. Climate change is considered one of the biggest present and future threats to humankind. It may affect human health through several known direct and indirect pathways and influence it in several unknown ways. Climate Change also impacts and disrupts the social and environmental determinants and has consequences on human health. It can affect the availability of clean air, safe drinking water, and sufficient food and destroy shelter. The course provides practical solutions and interventions (plan of action) at national, provincial and district level and state levels to reduce the harm caused by climate change. The assessment of this course involves home assignments, seminars on climate change and its impact on health, quizzes, and mid & 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.

### **Audience**

- Physicians, dentists, nurses, and allied health professionals, preferably with experience in public health
- Health sector managers – public and private
- Public health professionals from other disciplines who have the required experience
- Health professionals working with NGOs and development agencies

### **Enrolment Criteria**

Candidates for enrolment in this course must present the following:

Candidates should have at least one year of full-time work experience after graduation in a health-related field (voluntary work, a part-time or unpaid internship is not included). They should hold at least one of the following degrees are eligible to apply:

Sixteen-year undergraduate degree from an accredited/recognized university in Sciences / Health Sciences, including bachelor's degree such as BSPH, MBBS, BDS, BScN, DVM, D Pharm, BS Human Nutrition, and Dietetics (or equivalent).

### **Important Information:**

Submit the form via e-mail by Friday, August 11, 2023, at [visiting.application@aku.edu](mailto: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 fee: PKR 118,154**  
**Register by: August 11, 2023**