

PhD in Environmental and Planetary Health Sciences



The PhD degree in Environmental and Planetary Health Sciences program applies an interdisciplinary approach to identification of the public health impacts of the local and global environment, human activities, the food environment and nutrition, along with the

socio-political and economic factors that together determine the sustainability of life on our planet. Graduates will apply scientific methods to understand and address these global challenges, through a framework of environmental justice and sustainability stewardship.

REQUIREMENTS

- Completed SOPHAS application
- GRE scores within the past five years
- Cumulative 3.0 GPA based on a four-point scale or above
- Completion of a master of science, master of public health, or other equivalent advanced degree is recommended
- Three letters of recommendation (at least two should be academic references)
- A resume/CV
- A personal statement (up to 1000 words)
- TOEFL scores, if language of instruction for prior degrees was not English
- Transcript evaluation from World Education Services for all applicants with international transcripts

CURRICULUM

Foundational Knowledge (0 CREDITS)

PUBH 601 Foundations of Public Health Knowledge

Core Coursework (12 CREDITS)

PUBH 801 Epidemiological Methods I

PUBH 802 Applied Biostatistics I

PUBH 803 Public Health Perspectives on Science

PUBH 804 Qualitative Research Methods with Applications to Urban Health

Concentration Courses (30 CREDITS)

EOHS 822 Biology and Pathophysiological Applications in Public Health

EOHS 823 Systems Science in Planetary Health

EPID 821 Epidemiological Methods II

- Five (5) electives, chosen in consultation with advisor
- Two (2) selectives chosen from EOHS 824 Advanced Exposure Assessment and Policy Applications, EOHS 821 Environmental and Occupational Health Risk and Hazard Assessment, FNPH 821 Nutrient Metabolism and Applications in Public Health, FNPH 820 Food Policy.

Teaching Experience (0 CREDITS)

Teaching experience to be determined in consultation with advisor

Examinations (0 CREDITS)

Qualifying exam

Culminating Seminar and Experience (0 CREDITS)

PUBH 900 Dissertation Supervision

TOTAL CREDITS REQUIRED 42