

# POST-GRADUATE DEGREE

Academic Year 2018-2019



## Master in Public Health

Specializations in

- **ENVIRONMENTAL HEALTH**
- **EPIDEMIOLOGY and BIostatISTICS**

# THE CYPRUS INTERNATIONAL INSTITUTE

The Cyprus International Institute for Environmental and Public Health (“CII” or “the Institute”) is an international research, education, and technology initiative for the environment and public health operating under the aegis of the School of Health Sciences, Cyprus University of Technology. It was established in 2004 by the Government of Cyprus and Harvard University to address environmental and public health issues in Cyprus and throughout a broad region, including the eastern Mediterranean, northern Africa, and the Middle East. After more than a decade of collaboration with the Harvard T.H. Chan School of Public Health the Institute has embarked on its own road to autonomy and sustainability.

CII provides opportunities for research, education, and training in public health to students, scholars, and professionals. The main focus of the Institute’s research is on improving the understanding of links between exposures to environmental factors and lifestyle patterns with disease development, as well as to study individual behaviors and health outcomes, paying particular attention to identifying risk factors for chronic diseases. Emphasis is also placed on improving risk communication and decision analysis to inform public policy. These multidisciplinary research activities attract funding and recognition from Cyprus, the European Union, the United States, and other countries. The Institute is also active in continuing professional education and community outreach. Since 2005, it has offered a series of public lectures, continuing professional education workshops, symposiums, and other events in Cyprus and the region.



# MASTER IN PUBLIC HEALTH OVERVIEW

The CII offers the Master in Public Health (MPH) with specialization in Environmental Health or in Epidemiology and Biostatistics. The MPH is probably the most popular and recognized field of specialization in the public health sector. It begins each year in September and finishes in November of the following year. The program relies upon integrated, interdisciplinary curriculum taught by distinguished faculty from Cyprus University of Technology and other leading schools of public health.

Students may pursue the MPH as their terminal degree and elect a career in either academia or industry, or advance their career for those already holding a professional position in the field of health sciences or health management, or they may use this program as preparation for further studies towards a doctoral degree. The program is taught entirely in English in small classes.

The main aim of the Master in Public Health (MPH) program is to educate health professionals on the skills required by the 21st century employers and job market, equipping our graduates with the proper set of technical and soft skills needed to become the new leaders of public health. The MPH entails a core program accompanied by specialized courses for each specialization field, providing depth and breadth to each student’s portfolio.

The MPH program has two distinct advantages: **i)** it offers two popular specializations in the job market, i.e., the specialisation in Epidemiology and Biostatistics and the specialization in Environmental Health; **ii)** our Institute has more than 10 years of experience in public health training and research activities as a result of our historical association with the Harvard T.H. Chan School of Public Health.

The new MPH has been designed with the overarching goal of delivering a top-tier educational program that is nationally accredited providing first rate MS post graduate training on classical or emerging topics to public health professionals in our region.

# LEARNING OUTCOMES

The MPH program aims to achieve the following important learning outcomes:

- Assist students in understanding key concepts of health indicators and risk factors for various diseases in population groups of varying socio-economic background.
- Train students in designing studies, collecting and correctly analyzing health data arising from biomedical research, investigating important hypotheses in public health.
- Facilitate the clear understanding of the different behaviors and social structures within a population and how these affect the overall health of the population as well as analyze the contributions of public health leaders in the administration of health services.
- Teach students how to analyze and manage risks and develop strategies to improve public health through a healthier environment and lifestyle and a safer workplace with fewer accidents.

# MPH CURRICULUM

## 1st Semester - Fall (September-December)

MPH_601 Basic Epidemiology (8 ECTS)	Compulsory
MPH_602 Basic Biostatistics for Public Health (8 ECTS)	Compulsory
MPH_603 Health Informatics (6 ECTS)	Compulsory
MPH_604 Research Ethics in Public Health (4 ECTS)	Compulsory
MPH_612 Infectious Diseases and Antimicrobial Resistance (4 ECTS)	Compulsory

## 2nd Semester - Spring (January-May)

MPH_605 Health Education and Promotion (6 ECTS)	Compulsory
MPH_606 Health Economics and Policy (6 ECTS)	Compulsory
MPH_611 Global Health (4 ECTS)	Compulsory
MPH_607* Applied Methods for Public Health (8 ECTS)	Specialization
MPH_608^ Environmental Health Evaluation (6 ECTS)	Specialization
MPH_609* Advanced Biostatistical Methods (6 ECTS)	Specialization
MPH_610^ Environment and Population Health (8 ECTS)	Specialization

## 3rd Semester - Fall (June-November)

MPH_613 Thesis (30 ECTS)	Compulsory
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\* Specialization in Epidemiology and Biostatistics

^ Specialization in Environmental Health

Applicants to the program should hold a bachelor's degree or its international equivalent, including a basic preparation in biology, chemistry and calculus. Successful applicants could come from a variety of fields, including medicine/biology, engineering/physical sciences, public health/environmental sciences, and many others.



# FUTURE JOB OPPORTUNITIES

There are a wide variety of professional settings in which public health graduates may be employed. Some of those settings are:

**Public:** Health department administration, disaster preparedness, and public nursing are just three areas in which a public health graduate may work for the government.

**Private:** Whether as a consultant or employee, public health graduates often work for pharmaceutical brands, healthcare organizations, or insurance companies.

**Non-profit:** Non-profit roles for public health graduates tend to address gaps in healthcare or specialize in a specific population; for example, a non-profit role may serve minorities, or mothers.

**Education:** Education-related roles in public health are often as teachers to public health students.

# FINANCIAL AND APPLICATION INFORMATION

## Tuition

The tuition for the Master's programs is €4,800.

## Financial Aid

Scholarships are granted to a limited number of the most highly qualified candidates, based on academic performance criteria. Social support scholarships may be also available by the university system, depending on the family socio-economic status of postgraduate students.

## Applying to Cyprus International Institute

Applications will be reviewed on a first come basis.

To apply to CII's MPH program you need to complete the online application form available at <https://www.cut.ac.cy/studies/masters/Submission+of+application/>

The online application form is self-explanatory and asks –

- (i) information about your education;
- (ii) information about your work experience;
- (iii) a statement of interest;
- (iv) the names, positions and contact information of two individuals who can provide letters of reference;
- (v) evidence of English proficiency, if needed.

Graduates of an English-speaking University will not have to provide proof of English language. The English proficiency proof may be submitted after the application package and before classes start.

The CII Admissions Committee will begin to review your application based on the information you provide in your online application. However, your application will not be considered complete, and no final admissions decision will be made, until all required documents have been submitted.



# CONTACT INFORMATION

For more information about the MPH program, application and enrollment, and related issues, please consult the website: <http://www.cut.ac.cy/cii>

For specific inquiries about postgraduate studies at the CII, feel free to contact the CII Academic Coordinator Dr. Costas Christophi ([costas.christophi@cut.ac.cy](mailto:costas.christophi@cut.ac.cy)), tel.: 25002393.

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Our Master in Public Health curriculum is validated  
by the European Agency for Public Health Education Accreditation

Credits: Irene Constantinou  
Manuel Sánchez Acera.