



MSc in Public Health & Maritime Transport



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Course overview

Qualification awarded	Master of Science (MSc) in Public Health and Maritime Transport
Awarding body	<u>University of Thessaly (UTH), Greece</u>
Faculty	<u>Faculty of Medicine</u>
Teaching institution	<u>Laboratory of Hygiene and Epidemiology</u>
Academic staff	The MSc will be instructed by academic staff from universities in Greece, Cyprus, Germany, Norway, Sweden. In addition, guest lecturers from both industry and public health institutions will share their experience and best practices from the field.

Length of programme	Full time: 2 years to max. 4 years Part time: 3.5 years to max. 5.5 years
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Level of programme within the European

Qualification Framework	Masters (MSc) Level 7
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Total credits	ECTS: 120
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Mode of delivery	► Combination of distance learning and limited (optional) face-to-face learning ► Distance learning only – expected start date: January 2023
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Language of study	The course is instructed and assessed in English.
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Who can attend the MSc in Public Health and Maritime Transport?

The MSc in Public Health and Maritime Transport aims to provide students with the **skills needed for a career in public health, epidemiology, occupational health and environmental health, while also focusing on the practical application of these skills in the context of maritime transport.**

This MSc is ideal for those who choose to pursue a career in the **health and related sectors, as well as those who currently work or plan to work in the maritime sector.** The course is suited to students with **both medical and non-medical backgrounds** who intend to develop their research and technical professional skills in public health, as well as in public health related aspects of the maritime transport sector.



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Why choose the MSc in Public Health and Maritime Transport?

The COVID-19 pandemic has demonstrated more than ever in recent history the importance, significance and necessity of public health across all disciplines and human activities. Extraordinary events can impact the entire transport sector, jeopardizing the distribution of essential goods for human life. The International Maritime Organization (IMO) characterizes the shipping sector as *"the essential component of any programme for future sustainable economic growth, facilitating commerce and helping to create prosperity among nations and peoples"*. Qualified public health professionals can play a vital role in promoting health, preventing, mitigating and controlling diseases. The MSc in Public Health and Maritime Transport has been designed to offer students the essential skills required to deal with current demands of both the public health and maritime sectors, while simultaneously providing the necessary capacities to get prepared for future challenges.

You will be selecting a top-ranked university, with a Medical Faculty renowned for its academic teaching and research capacity, and whose Laboratory of Hygiene and Epidemiology is recognized internationally, across Europe and nationally for its contribution to public health issues in transport sectors and points of entry (ports, airports, ground crossings).

- ▶ The Laboratory of Hygiene and Epidemiology of the Medical Faculty, UTH is designated as a World Health Organization (WHO) Collaborating Centre for the International Health Regulations: points of entry.
- ▶ Since 2007, the Laboratory of Hygiene and Epidemiology has operated a postgraduate master's course titled "MSc in Applied Public Health and Environmental Hygiene" with a focus on food and water safety, one of the first MSc courses in Greece in this field.
- ▶ A Public health observatory in means of transport and points of entry was established at the Laboratory of Hygiene and Epidemiology, with its scope addressing the teaching and research needs in subjects related to public health in means of transport and points of entry.
- ▶ Under the framework of European projects it has coordinated, the Laboratory of Hygiene and Epidemiology has several years' experience in organizing European level training courses.
- ▶ The Laboratory of Hygiene and Epidemiology has an established history of coordinating and leading European funded projects and joint actions including:

- Horizon Europe Research and Innovation Action HEALTHY SAILING (Project Nr. 101069764) *"Prevention, mitigation, management of infectious disease on cruise ships and passenger ferries"* (2022-2025)

- European Joint Action HEALTHY GATEWAYS (Grant Agreement Nr. 801493) *"Preparedness and action at points of entry: ports, airports, ground crossings"* (2018-2022)

- European Service Contract "HADEA/2021/NP/0004 –E-TRAVEL TOOL - HEALTHY GATEWAYS" (2021-2023)

- European Specific Contract: Organising a training entry – exit screening (2018-2019) - Specific Contract No 2017 72 06: *"Evidence-based best practices on entry/exit screening for infectious diseases in humans under the FWC Chafea/2015/Health/05"*

- European Joint Action SHIPSAN ACT (Grant Agreement Nr. 2012 2103) *"The impact on maritime transport of health threats due to biological, chemical and radiological agents"* (2012-2017)

- European Project "EU Ship Sanitation Training Network" (2008-2011)

- The Laboratory of Hygiene and Epidemiology participates as a partner in the European EYE project (Economy by space) and European Union AIRSAN project, and in external evaluation of the European joint action SHARP and European project EPI-South

- ▶ At national level the Laboratory of Hygiene and Epidemiology has coordinated national programmes including:

- Environmental Health Surveillance for the Athens 2004 Olympic Games

- Integrated surveillance and control programme for West Nile virus and malaria in Greece (2012-2013)

- ▶ The Laboratory of Hygiene and Epidemiology delivers high-quality research with many doctoral and post-doctoral research studies in various public health fields completed or in progress. The Laboratory's scientific members have published extensively in high impact factor, international peer reviewed public health journals.
- ▶ Affiliated with the University General Hospital of Larissa as a cross-departmental unit, the Laboratory of Hygiene and Epidemiology also functions as a Peripheral Public Health Laboratory under the National Public Health Organization of Greece (NPHO).
- ▶ Fully equipped with cutting edge technological equipment for performing both routine analyses and research projects, the Laboratory of Hygiene and Epidemiology meets Biosafety level 2 requirements.

More information about UTH is available [here](#)



Distinguished teaching staff from seven universities among five European countries

Teaching staff providing course lectures are recognized leaders in academic fields of applied epidemiology, public health, environmental health and hygiene, chronic and infectious diseases, maritime health, health economics, occupational health including seafarers, human resources management and shipping economics. Guest lecturers include public health professionals with practical experience in maritime public health aspects.

Course structure

The MSc is comprised of 13 modules delivered throughout three semesters. All modules combined amount to 480 teaching hours.

1st semester: 5 modules

2nd semester: 4 modules

3rd semester: 4 modules

4th semester: Upon successful completion of the modules, during the 4th semester students have two options: (a) writing a master's thesis, or (b) completing an internship placement and developing an internship report

More information about the course structure is available [here](#)

Entry requirements

First degree entry requirements

Graduates from the following can receive admission to the MSc:

a) Graduates from all departments of **Recognised Foreign Educational Institutions** that are relevant to the wider subject matter of the MSc's content;

and

b) Graduates from all departments of Greek Universities and Technological Education Institutes that are relevant to the wider subject matter of the MSc's content.

English language entry requirements

Certificate of proof of very good competency of English language, unless students have completed an academic program (BSc, MA, MSc, MBA) instructed and assessed in English.



For further information, visit our website
<https://mscpublichealthmaritime.med.uth.gr/>

or

contact us via email:
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