



MSc in Public Health & Maritime Transport



PROGRAMME SPECIFICATION

1. Overview

Programme title	Public Health and Maritime Transport
Programme director	Barbara Mouchtouri, Associate Professor of Hygiene and Epidemiology
Awarding body	University of Thessaly (UTH), Greece
Faculty	Faculty of Medicine
Teaching institution	Laboratory of Hygiene and Epidemiology
Academic staff	The MSc will be instructed by academic staff from universities in Greece, Cyprus, Germany, Denmark, Norway, Sweden, Romania, UK, Turkey and USA. 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 Part time: 4 years
Award title	MSc in Public Health and Maritime Transport
Level of programme within the European Qualification Framework	Masters (MSc) Level 7
Total credits	ECTS: 120
Mode of delivery	Distance learning
Language of study	The course is instructed and assessed in English.
Programme Description	Upon successful completion, students are awarded an MSc in Public Health and Maritime Transport. The 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 of 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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Contact Information	Email: mscphm-admin@uth.gr Telephone: 0030 2410 565055 (Office working hours Monday to Friday: 9:00 – 16:00 CET) Address: Laboratory of Hygiene and Epidemiology, Faculty of Medicine, University of Thessaly, 22 Papakyrizi str, 41222, Larissa, Greece

2. Programme Aims & Learning Outcomes

Educational aims of the programme

The Postgraduate Program aims to provide high-level education to researchers and professionals for the protection of public health, which are based on the scientific bases of epidemiology, biostatistics, hygiene, health education, environmental health and management of human resources affected / affect the above.

Stream 2 focuses on the protection of public health in shipping on both passenger and commercial ships.

Programme learning outcomes

The MSc provides students with three distinct classes of competences as learning outcomes: transferable, subject-specific and research competences.

Transferable competencies:

- ability to develop self-directed learning skills to facilitate lifelong learning and continuous professional development
- ability to demonstrate a high level of critical reflection to develop and apply ideas in a research context
- ability to employ a systematic conceptual approach to gathering, analyzing and disseminating knowledge
- ethical sensitivity in the acquisition and application of information
- synthesis and presentation skills
- oral and written skills in communicating knowledge to specialist and non-specialist audiences
- competence in translating research evidence into practice
- competence in using new information & communication technologies
- excellent command of academic English
- intercultural communication skills

Stream 2: Public Health and Maritime Transport

The MSc aims to train postgraduate students, providing them with the knowledge and skills that will enable them to meet the challenges of public health through research and practice, with an emphasis on challenges associated to maritime transport, including the passenger shipping sector.

Upon completion of their studies, postgraduate students will be able to demonstrate the ability to apply knowledge of the key disciplines of public health – consisting of statistics, epidemiology, occupational health, environmental health, health economics, social research, maritime administration, international health regulation and maritime law – to real public health events, maritime health and cross-border health threats. In addition, students will be able to:

- critically evaluate the basic functions of public health
- demonstrate knowledge and skills in a series of public health and maritime health related subjects
- participate in the development, implementation and evaluation of appropriate policies on public health issues
- understand the interaction between the various public health factors, environmental factors, the maritime profession on public health, environmental hygiene and occupational hygiene with an emphasis on shipping, taking into account the available human resources

- ability to apply theoretical knowledge to analyse and solve concrete problems in Public Health issues related to maritime transport: response and management of public health events in maritime transport, participation in the management of international public health events, public health and environmental hygiene, occupational health and human resources
- ability to work as a researcher and at private or public sectors working in the fields of public health and environmental hygiene, occupational health and at research laboratories
- ability to design and implement evidence-based strategies for the prevention and control of health threats in maritime transport sector.

Research competences (knowledge and understanding):

Stream 2: Public Health and Maritime Transport

- understanding of the research process and how it is used to solve problems in new and unfamiliar environments
- demonstrate familiarity with current research findings and research methods in public health, occupational health and environmental hygiene with an emphasis in maritime transport sector
- ability to critically evaluate, use scientific literature and communicate research data
- ability to demonstrate a high level of critical reflection to develop and apply ideas in a research context
- ability to employ a systematic conceptual approach to gathering, analysing and disseminating knowledge

3. Programme structure and features, modules, credit assignment and award requirements

This programme includes four semesters and is instructed and assessed in English. Students are expected to collect 120 ECTS credits during the four semesters (full time mode of study).

Semesters 1, 2 and 3

The MSc operates on a modular system and includes 10 modules instructed over three semesters. Students will have the opportunity to participate in practical training over the course of one week to put theory into practice (optional).

- 1st semester: 3 modules
- 2nd semester: 3 modules
- 3rd semester: 4 modules

Semester 4

Upon successful completion of all mandatory modules, during the 4th semester students will either complete a **Research project with a master's thesis** or partake in an **applied project with a master's thesis**.

Modules and ECTS per semester

1 st Semester – Stream 1 and 2			
Module Code	Module Type	Module	ECTS
1.1	Mandatory	Principles in epidemiology and social research	12
1.2	Mandatory	Statistics for public health	8
1.3	Mandatory	Management of Health Services	10
		Total ECTS	30

2 nd Semester – Stream 1 and 2			
Module Code	Module Type	Module	ECTS
2.1	Mandatory	Environment and health, principles of occupational health	14
2.2	Mandatory	Health promotion and risk communication	8
2.3	Mandatory	Issues in public health	8
		Total ECTS	30

3 rd Semester – Stream 2			
Module Code	Module Type	Module	ECTS
3.2.1	Mandatory	Hygiene, environment and maritime transport sector	10
3.2.2	Mandatory	Issues in maritime health	8
3.2.3	Mandatory	Introduction to shipping and trade, maritime law and shipping management	6
3.2.4	Mandatory	Public health crisis management in maritime transport sector	6
		Total ECTS	30

4 th Semester – Stream 2		
Module Code	Module	ECTS
4.2.1	Research project with a master's thesis	30
4.2.2	Applied project with a master's thesis	30

4. Entry requirements and criteria for admission

This MSc is ideal for those who choose to pursue a career in the public 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 (environment, biology, hygiene, chemistry, engineering food safety etc.) who intend to develop their research and technical professional skills.

First degree entry requirements

Graduates from the following can receive admission to the MSc:

- a) Graduates from all departments of 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 Educations Institutes that are relevant to the wider subject matter of the MSc's content.

A Postgraduate Diploma is not awarded to a student whose first cycle degree from a foreign institution has not been recognized by the Hellenic National Academic Recognition Information Center (DOATAP).

According to article 304 of Law 4957/2022, the application with the required supporting documents is submitted to the Secretariat of the Postgraduate Program, which undertakes to examine the applications based on the criteria of Law 4957/2022, without them being accompanied by an act of recognition of DOATAP. If the degree from a foreign University is included in the list of DOATAP, the Secretariat of the Foreign Language Program must request a Certificate of Place of Study, which is issued and sent by the foreign university. Applications in which the Greek territory is certified as the place of study are excluded, unless the part of studies completed in the Greek territory is located in a public university according to Law 3328/2005 (A' 80).

English language requirements

The course is taught and assessed in English.

A certificate of proof of competency of English language is required, unless students have completed an academic program (BSc, MA, MSc, MBA) that was instructed and assessed in English.

To follow courses offered in English, your competence in the English language should comply with the following description:

You should be able to:

- understand general and academic topics presented in English both orally and in writing
- master a varied vocabulary which enables you to participate in conversations and discussions in English
- produce and articulate your viewpoints in English, both orally and in writing
- give a detailed, coherent oral and written account of a known topic in fluent and generally correct English



Admission Criteria

The Admissions Committee will evaluate the applications and supporting documentation, and will provide an overall rating based on the following criteria:

	Criteria	Rating %
1	Grade of undergraduate degree	20%
2	English language level	10%
3	Publications or announcements	10%
4	Relevant employment experience	20%
5	Letters of recommendation	10%
6	Interview	30%
	Total	100%