- Master of Science (M.Sc.) in Applied Health
- Start: each winter semester
- 4 semesters (2 years)
- Online courses
- Course language: English
- 5.000€ for the entire program

Your personal contact:

Mrs. Cynthia Tsitsou, Tel. +30 2651007298

Dept. of Materials Science Engineering,
University of Ioannina, Greece

University Campus of Ioannina, GR45110
info-ds4health@uoi.gr

https://ds4health.uoi.gr/

MED LAB
MEDICAL TECHNOLOGY & INTELLIGENT INFORMATION SYSTEMS

DS4Health

This project has received funding from the European Union's DIGITAL Europe - European Health and Digital Executive Agency (HADEA) under the grant agreement No 101083563

MSc IN DIGITAL HEALTH
UNIVERSITY OF IOANNINA
FOUNDATION FOR RESEARCH & TECHNOLOGY – HELLAS

FORTH
FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS

University of Ioannina

Faculty of Medicine

Course Concept

The course offers prospective students the opportunity to become highly qualified specialists in the field of Digital Health

- Extra-occupational
- Digital teaching and learning
- Academic and practical training
- Short attendance blocks
- 120 ECTS awarded
- Well-renowned highly cited academic teaching staff

„ Learn how to collect, analyze, and use medical data to improve health care, shape digitized health care processes, and open up a wide range of career opportunities in an interdisciplinary work environment. “

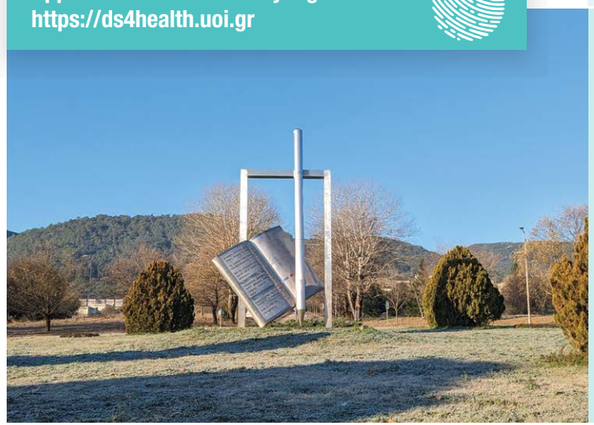
Scientific Director of the M.Sc. Digital Health
Prof. Dimitrios I. Fotiadis

This project has received funding from the European Union's DIGITAL Europe - European Health and Digital Executive Agency (HADEA) under the grant agreement No 101083563

Admission Requirements

- Students must be holders of a bachelor's degree or legal equivalent in the master's scientific area, such as Medical Sciences (B. Med. Sc.), Pharmacology, Exact sciences, Polytechnic schools and Schools of Economics.
- English language proficiency (level B2)
- A personal statement / cover letter and a CV / resume.

Application Process – fully digital via https://ds4health.uoi.gr



Course Structure

Track 1: Data Experts in Health

1st Semester		2nd Semester		3rd Semester		4th Semester	
6 CP	Introduction to Health Systems Management	6 CP	Computational Biology and Bioinformatics	4x 5 CP	Epidemiology Methods	30 CP	Master Thesis
6 CP	Introduction to Digital Systems and Programming	6 CP	Statistical Inference		Multiscale Modeling		
6 CP	Basic Medical Data Science	6 CP	Medical Data Quality		Precision Medicine		
6 CP	Ethics and Regulatory Issues	6 CP	Health Information Modeling		Entrepreneurship in Health		
6 CP	Clinical Informatics and Analytics	6 CP	Artificial Intelligence		Intership (elective)		
				10 CP	Mini Project		

Track 2: Digital Health Transformation

1st Semester		2nd Semester		3rd Semester		4th Semester	
6 CP	Introduction to Health Systems Management	6 CP	Computational Biology and Bioinformatics	4x 5 CP	User Centic Design and Elements of Software Engineering	30 CP	Master Thesis
6 CP	Introduction to Digital Systems and Programming	6 CP	Statistical Inference		Digital Health Transformation / Management		
6 CP	Basic Medical Data Science	6 CP	Medical Data Quality		Medical Devices		
6 CP	Ethics and Regulatory Issues	6 CP	Health Information Modeling		Digital Health Economics		
6 CP	Clinical Informatics and Analytics	6 CP	Artificial Intelligence		Entrepreneurship in Health		
					Intership (elective)		
				10 CP	Mini Project		

Introduction Compulsory Modules · Pre-track Compulsory courses · Track Compulsory courses (choose 4) · Project Work