

Academic Year: **2020-21**

Protocol number: **3**

## CALL FOR ADMISSIONS

The Department of Medicine of the School of Health Sciences of the Aristotle University of Thessaloniki is starting an English-speaking Postgraduate Program entitled Master of Science (MSc) in "**Health Statistics & Data Analytics**", beginning in the **academic year 2021-2022**. Applications are accepted between **01/04/2021 and 05/09/2021**.

**Purpose** of the proposed master is to provide specialized and in-depth training of students in the field of Statistics, using novel methodologies for analysing biomedical data, with research and clinical practice applications.

**Twenty-five (25)** graduates of Departments of Universities in the fields of Health Sciences, Statistics, Exact Mathematical Sciences, Polytechnic School, Economics, Nursing or graduates of equivalent Higher Technological Institutes or recognized equivalent institutions will be admitted to the Postgraduate Program. Pre-graduate students of the above Departments can also apply for the MSc, provided that they have graduated before the approval of the final list of entrants who will be accepted in the MSc.

Study duration that leads to the award of the Postgraduate Diploma (PD) of the proposed MSc is set at a minimum of **three (3) academic semesters** which include the time needed for preparation and review of the master's thesis. The MSc will be credited with a total of 90 ECTS according to the European Credit System. It will include two full-time academic semesters, while in the third semester the preparation of the postgraduate thesis will take place. The MSc will include a total of eight (8) courses in semesters A and B, while in semester C the preparation of the diploma thesis will take place. All courses are considered compulsory. During their studies, the postgraduate students are obliged to a) attend and successfully pass the examination of the attended courses and preparation of a postgraduate thesis which can be a bibliography review or research work.

The teaching and the content of the courses and of the postgraduate thesis will be in **English**.

The indicative **curriculum** is described below:



---

**Administration Office**

**A** Office 4.23, Building 16A, 4<sup>th</sup> fl., 54124

**T** +30 2310 -999148

**W** <http://hsda.med.auth.gr>

**E** [info-hsda@auth.gr](mailto:info-hsda@auth.gr)



ARISTOTLE  
UNIVERSITY OF  
THESSALONIKI

FACULTY OF HEALTH SCIENCES  
SCHOOL OF MEDICINE

Postgraduate Program  
"Health Statistics & Data Analytics"

Director:  
Assoc. Professor Anna-Bettina Haidich



Semester	Course title
A	Introduction to Data Analytics
A	Basic Principles of Statistics
A	Basic Principles of Medical Research
A	Linear Models
B	Big Data Analytics
B	Meta-research
B	Environmental Epidemiology
B	Genetic and Molecular Epidemiology
C	Master thesis preparation
<b>Total ECTS 90</b>	

There will be a combination of blended learning with face-to-face lectures over weekends and on-line assignments will be required.

Application forms for the MSc in **Health Statistics & Data Analytics** are available at the website <https://hsda.med.auth.gr/admissions/> and will be accepted during the period **01/04-05/09/2021**. Together with the filled application form, the following documents should be sent: a) Statement of purpose, b) Copy of Bachelors degree, c) a curriculum vitae, d) Certificate of Competency in English at least level B2, e) two recommendation letters, and f) a copy of an ID or passport. All the aforementioned documents should be sent electronically to the email [info-hsda@auth.gr](mailto:info-hsda@auth.gr) with the subject "**Application for the MSc Health Statistics & Data Analytics**" no later than **September 5<sup>th</sup>, 2021**. The process of attendant selection is expected to be completed by the end of September and the courses will start in early October 2021.

For the participation in the MSc program, tuition fees amounting to **4,000 €** will be required, while payment will be made in **three (3) installments**, on dates that will be set at the beginning of the first semester. The enrollment of students is considered valid only after the payment of the first installment of the tuition fees.

For more information:  
call (+30) 2310 999143  
e-mail: [info-hsda@auth.gr](mailto:info-hsda@auth.gr)



**Administration Office**

**A** Office 4.23, Building 16A, 4<sup>th</sup> fl., 54124

**T** +30 2310 -999148

**W** <http://hsda.med.auth.gr>

**E** [info-hsda@auth.gr](mailto:info-hsda@auth.gr)