



ΑΝΤΙΓΡΑΦΟ ΔΙΠΛΩΜΑΤΟΣ ΜΕΤΑΠΤΥΧΙΑΚΩΝ  
ΣΠΟΥΔΩΝ

ΠΙΣΤΟΠΟΙΕΙΤΑΙ ΟΤΙ:

Ο Σιώρος Απόστολος-Παναγιώτης του Ευάγγελου

Τόπος γέννησης: Λάρισα

αφού επέτυχε σε όλες τις από τους πανεπιστημιακούς νόμους  
επιβαλλόμενες εξετάσεις κρίθηκε άξιος του Διπλώματος  
Μεταπτυχιακών Σπουδών

ΣΤΑΤΙΣΤΙΚΗ ΚΑΙ ΑΝΑΛΥΤΙΚΗ ΒΙΟΪΑΤΡΙΚΩΝ ΔΕΔΟΜΕΝΩΝ

στις 24 Σεπτεμβρίου 2024

με βαθμό: 6,42 "ΚΑΛΩΣ"  
(ΕΞΙ ΚΑΙ ΣΑΡΑΝΤΑ ΔΥΟ ΕΚΑΤΟΣΤΑ)

COPY OF THE DEGREE OF POSTGRADUATE STUDIES

IT IS CERTIFIED THAT:

Sioros Apostolos-Panagiotis son of Evangelos

Place of Birth: Larissa

having succeeded in all the exams according to the current  
provisions was deemed worthy to receive the Degree of  
Postgraduate studies

HEALTH STATISTICS AND DATA ANALYTICS

on 24 September 2024

with grade: 6,42 "GOOD"  
(SIX AND FORTY-TWO HUNDREDTHS)

Το πιστοποιητικό αυτό χορηγείται για χρήση στην Ελλάδα ή στο εξωτερικό και υπογράφεται  
από την Προϊσταμένη της Γραμματείας του Τμήματος, σύμφωνα με την υπ' αριθμ.  
40528/25-01-2024 Πρυτανική Πράξη (ΦΕΚ 716/31-1-2024, τ.Β').

This certificate is issued for any official use in Greece or abroad and is signed by the Head of  
the School's Registrar pursuant to the Rector's Act No. 40528/25-01-2024 (Government  
Gazette FEK 716/31-1-2024, vol. B).

Αρ. Πιστ. - Cert. No.: 2024-25/000114

Θεσσαλονίκη - Thessaloniki, 23/05/2025

Με εντολή του Πρύτανη - Issued on the Direction of the Rector  
Η Προϊσταμένη της Γραμματείας του Τμήματος - The Head of the School's Registrar

(υπογραφή)

Θεοδώρα Γαζοπούλου-Τσουφλίδου - Theodora Gazopoulou-Tsouflidou

Το παρόν αποτελεί απόδοση του πρωτότυπου πτυχίου στη νεοελληνική γλώσσα - This document is a true translation of the original Degree as issued in Greek

Βαθμολογική Κλίμακα Επιτυχίας

α) 6,00 - 6,49 Καλώς  
β) 6,50 - 8,49 Λίαν Καλώς  
γ) 8,50 - 10,00 Άριστα

Grading Scale of Success

a) 6.00 - 6.49 Good  
b) 6.50 - 8.49 Very Good  
c) 8.50 - 10.00 Excellent





Document Verification  
Id

## HELLENIC REPUBLIC

ARISTOTELEIO PANEPISTIMIO THESSALONIKIS (ARISTOTLE UNIVERSITY OF THESSALONIKI)

FACULTY OF HEALTH SCIENCES

SCHOOL OF MEDICINE

POSTGRADUATE STUDIES PROGRAMME "HEALTH STATISTICS & DATA ANALYTICS"

https://hsda.med.auth.gr · Tel.: - · email: info-hsda@auth.gr · AUTH CAMPUS, SCHOOL OF MEDICINE · 54124 · Thessaloniki · Greece

### DIPLOMA SUPPLEMENT

*This Diploma Supplement is based on the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original accompanying qualification to which this supplement is appended. It should be free from any value judgments, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.*

#### 1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

- 1.1 Family Name(s):** Sioros  
**1.2 Given Name(s):** Apostolos-Panagiotis  
**1.3 Date of birth (day/month/year),  
Place, Country of Birth:** 01/02/1996, Larissa, Greece  
**1.4 Student identification number or code:** 1130114109798880

#### 2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1 Name of the qualification and (if applicable) title, conferred (in original language):**  
Δίπλωμα Μεταπτυχιακών Σπουδών, Δ.Μ.Σ.(Diploma Metaptychiakon Spoudon-Degree of Postgraduate Studies).  
**2.2 Main field(s) of study for the qualification:**  
HEALTH STATISTICS AND DATA ANALYTICS  
**2.3 Name and status of awarding institution (in original language):**  
Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης (Α.Π.Θ.), (Aristoteleio Panepistimio Thessalonikis-Aristotle University of Thessaloniki, A.U.Th.), Public University  
**2.4 Name and status of institution (if different from 2.3) administering studies (in original language):**  
As in 2.3  
**2.5 Language(s) of instruction/examination:**  
English

#### 3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

- 3.1 Level of qualification:** 2nd Cycle  
**3.2 Official length of programme:**  
Three (3) semesters, 90 ECTS. A full academic year is equivalent to 60 ECTS units and each semester to 30 ECTS (European Credit Transfer System) (1 ECTS= 25-30 work load hours). Compliance with the ECTS (European Credit Transfer and Accumulation System) regulations started in 2007, when the Greek Legislation was harmonized with the relevant European one (Ministerial Decision No. F5/89656/B3, art. 1-3, Hellenic Government Gazette no 1466/2007/B). A full academic year is equivalent to 60 ECTS units and each semester to 30 ECTS.  
**3.3 Access requirement(s):**  
PTYCHIO (Degree from a University in Greece or from a Technological Educational Institute or from a recognized foreign institution of equivalent status)  
This Postgraduate Specialisation Degree (PGSD) programme accepts:

1. Graduates of the Departments of the School of Health Sciences, Statistics, Natural Sciences, Faculty of Engineering, Economics, Nursing or graduates of other similar faculties or departments from recognized foreign institutions (par. 1, art. 43, Law 4485/04-08-2017).
  2. Graduates of other relevant Schools or Departments, with a special interest in Health Statistics and Data Analytics.
  3. Members of the E.E.P., E.D.I.P. and E.T.E.P. categories, as long as they meet the conditions of the first paragraph of par. 1 of article 34, can be registered as extra students and only one per year, in programs organized in the Departments of the Foundation which they serve, that is relevant to their degree and the work they perform.
- The admission of students is based on the ranking score of their documented qualifications and oral interview.

#### 4. INFORMATION OF THE CONTENT AND RESULTS GAINED

##### 4.1 Mode of study:

Full time

##### 4.2 Programme requirements:

According to Law 4537/B/5-10-2020, for the acquisition of the Postgraduate Specialization Degree "Health Statistics & Data Analytics", postgraduate students have to complete a set of courses extending over 3 semesters, which corresponds to 90 ECTS (Law 67145/B7, Law 1889/2007/B7). They have to attend and successfully be examined in 8 subjects, which are divided as follows: a) In the first semester (30 ECTS) - 4 subjects and b) In the second semester (30 ECTS) - 4 subjects. In the third semester (30 ECTS) they prepare their Postgraduate Thesis, which they defend it publicly and, subsequently, being examined.

The aim of the PGSD is the specialized and in-depth training of their students in the field of Statistics using new biomedical data analysis methodologies with applications in research and clinical practice

Apart from the basic scientific knowledge, postgraduate students acquire the following abilities: 1) to apply knowledge to practice, 2) to search, analyze and synthesize data and information using appropriate technology, 3) to work individually, in teams and / or multidisciplinary scientific environment, 4) to adjust to new situations and take decisions, 5) to comprehend information in a foreign language, 6) to produce new ideas and scientific knowledge, 7) to show responsibility, 8) to develop critical ability and 9) to promote free, productive and inductive thought.

##### 4.3 Programme details (e.g. modules or units studied and individual grades/marks/credits obtained):

Courses that the student has successfully attended, as well as subjects for which the student has received recognition or exemption (COR = compulsory core courses, CORS = compulsory courses of specialization, ELC = elective courses)

Code	Courses	Type	ECTS Credits	Grade	Examination Period
MIETA001	Introduction to Data Analytics	COR	7.5	7.5	FEBR 2022
MIETA002	Basic Principles of Statistics	COR	7.5	8.7	FEBR 2022
MIETA003	Basic Principles of Medical Research	COR	7.5	9.1	FEBR 2022
MIETA004	Linear Models	COR	7.5	7.6	FEBR 2022
MIETB005	Big Data Analytics	COR	7.5	6.5	JUNE 2022
MIETB006	Meta-research	COR	7.5	9.8	JUNE 2022
MIETB007	Special Topics in Data Analytics I	COR	7.5	7.8	JUNE 2022
MIETB008	Special Topics in Data Analytics II	COR	7.5	7	JUNE 2022

#### PROJECT

Master Thesis

30.0

6

-

#### Total ECTS:

90.0

**Master Thesis:** "Systematic review and network meta-analysis comparing the coronary bifurcation angioplasty

strategies using the RMST model"

#### 4.4 Grading scheme, and if available, grade distribution guidance:

A scale of 1 to 10 applies to the marks of each subject in the Hellenic Higher Education. The grading scheme for the qualification of the Interdisciplinary Postgraduate Study Program follows the following distribution (Ministerial Decision No F.1231/B1/425 art.60, Hellenic Government Gazette No 1099/2000/B):

Άριστα (Arista) Excellent: 8,50-10,00

Λίαν Καλώς (Lian Kalos) Very Good: 6,50- 8,49

Καλώς (Kalos) Good: 6,00-6,49

Ανεπιτυχώς (Anepitychos): 0,00-5,99

Minimum passing grade: 6,00 (six) (AUTH Rule of Procedure, No 127/2-2-11)

#### 4.5 Overall classification of the qualification (in original language):

«Καλώς» (Good) 6.42

### 5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

#### 5.1 Access to further study:

The qualification is a terminal award and allows access to doctoral studies.

#### 5.2 Professional status (if applicable):

Professional qualification is not applicable either in the public or private sector.

### 6. ADDITIONAL INFORMATION

#### 6.1 Additional information:

Not applicable.

#### 6.2 Further information sources:

Website of the postgraduate program health statistics and data analytics:

<https://hsda.med.auth.gr/>

School of medicine: <https://www.med.auth.gr>

Aristotle University of Thessaloniki: <https://www.auth.gr>

Greek ministry of education, research and religious affairs: <https://www.minedu.gov.gr>

European union educational issues: <https://www.europa.eu.int/>

### 7. CERTIFICATION OF THE SUPPLEMENT

#### 7.1 Date: 25/09/2024

#### 7.2 Name and Signature: Theodora Gazopoulou-Tsouflidou

(signature)

#### 7.3 Capacity: On behalf of the Rector, the Head of the Administration Office

#### 7.4 Official Stamp or seal:

This certificate is issued for use in abroad and is signed by the Head of the Administration Office of the School, according to Rector's Decision No 40528/25-01-2024 (Official Journal of the Hellenic Republic 716/31-1-2024, vol. B.)

## 8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

Pursuant to the Constitution (article 16, paragraph 5), Greek Tertiary Education is public and gratis. Furthermore, according to the legal framework, it is divided into:

- (a) the University sector (A.E.I.): Universities, Technical Universities, Fine Arts School, etc., and
- (b) the Technological sector (T.E.I.): Technological Education Institutions and the School of Pedagogic and Technological Education.

Part of the University sector is also, since 1998, the Greek Open University, which provides open and distance -undergraduate and postgraduate- education and training.

There are also state post-secondary non-tertiary Institutions offering vocationally oriented courses of shorter duration (2 to 3 years), which operate under the authority of other Ministries.

All graduates of secondary education (Geniko and Epagelmatiko Lykeio) can be admitted to Higher Education Institutions, depending on the general score obtained in national examinations that take place at the end of the final year of Lyceum. The admission system is based on the number of available places (numerus clausus), the candidates' performance, and the candidates' ranked preferences of Schools. Admission to particular schools may also require a special examination (eg drawing for Architecture, etc.).

Study programmes in Higher Education Institutions last from four to six years, depending on the subject area. Students who successfully complete their studies are awarded a Ptychio / Diploma, which permits employment or further studies at post-graduate level leading to a Metaptychiako Diploma Eidikefsis (2<sup>nd</sup> cycle) - equivalent to the Master's degree- and to the doctorate degree (3<sup>d</sup> cycle), Didaktoriko Diploma.

Legislation on quality assurance in Higher Education, the Credit Transfer and Accumulation System (ECTS) and the Diploma Supplement defines the framework and the criteria for the evaluation of Higher Education Institutions, and for the certification of programmes of studies. These measures aim, among others, at promoting student mobility and contributing to the creation of the European Higher Education Area.

A detailed description of the Greek Education System is offered in:

- EURYDICE (<<http://www.eurydice.org>>) database of the European Education Systems.
- <[http://eacea.ec.europa.eu/education/eurydice/documents/thematic\\_reports/122EN.pdf](http://eacea.ec.europa.eu/education/eurydice/documents/thematic_reports/122EN.pdf)> (pages 82,83)

