



HELLENIC REPUBLIC
UNIVERSITY OF IOANNINA
SCHOOL OF ENGINEERING

PROGRAM OF GRADUATE STUDIES (MSc PROGRAM) "DATA AND COMPUTER SYSTEMS ENGINEERING"

University Campus of Ioannina - IOANNINA - TEL. 26510 07213 - FAX: 26510 07021 - <http://www.cs.uoi.gr>

DIPLOMA SUPPLEMENT

This Diploma Supplement model was 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 qualification, to which this supplement 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):

1.2 Given Name(s):

1.3 Year of birth - Place, Country:

1.4 Student identification number or code:

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of qualification and (if applicable) title conferred (in original language)

Program of Graduate Studies (MSc Program) entitled "Data and Computer Systems Engineering"

2.2 Main field(s) of study for the qualification

Data and Computer Systems Engineering

The student followed the specialization "-".

2.3 Name and status of awarding institution (in original language)

The University of Ioannina is a Public Educational Institution. It has been subjected to external evaluation/accreditation of the Internal Quality Assurance System in accordance with the current legislation for the period from 6/11/2018 to 7/11/2018. The evaluation was carried out by a Committee of External Assessors, appointed by the Hellenic Authority for Higher Education. According to the Certification Committee's report, the University's Internal Quality Assurance System complies to a satisfactory degree with the principles of the relevant Quality Standards of the Hellenic Authority for Higher Education and the Quality Assurance Authorities of the European Higher Education Area.

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:

GREEK / ENGLISH

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1 Level of qualification:

Postgraduate

3.2 Official length of programme:

The duration of the program is from 3 to 5 semesters with a total workload of 90 ECTS.

3.3 Access requirement(s):

The program admits graduates of Departments of Schools of Engineering, Departments of Computer Science, Faculties of Science, Faculties of Science and Technology, as well as Faculties of Economics and Business of Greek Universities or equivalent Departments abroad, Higher Military Schools of Scientific Education equivalent to Universities, as well as former Departments of Computer Engineering of Technological Education, Electronic Engineering of Technological Education and Electrical Engineering of Technological Education. Finalist students of the above Departments are also eligible to apply and, if admitted, they can enroll in the MSc Program

strictly on the condition that they have completed their studies in September or February, respectively.

4. INFORMATION ON THE CONTENT AND RESULTS GAINED

4.1 Mode of study:

Full time

4.2 Programme requirements:

The minimum duration of studies for the MSc Program is three (3) semesters and the maximum is five (5) semesters, without any possibility for extension. For graduate students who were compelled to undertake undergraduate-level courses as a condition of their admission, the maximum allowed duration of studies is increased by one (1) semester. Successful attendance of courses totaling sixty (60) ECTS credits is required, so as to satisfy the conditions described in the Regulations of the MSc Program (Official Government Gazette), and the completion of a graduate diploma thesis corresponding to thirty (30) ECTS credits.

4.3 Programme details (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:

Code	Course Title	Course Type	ECTS Credits	Examination Period	Grade	ECTS Grading
SEMESTER 1						
MY_Δ0	Introduction to Data Analysis and Processing	CE	7.0			--
MY_Δ2	Data Mining	EC	7.0			--
MY_X5	Seminar I	CC	2.5			--
MY_X3	Teaching Practice I	CC	3.0			--
SEMESTER 2						
MY_X6	Seminar II	CC	2.5			--
MY_Λ0	Introduction to Software Systems	CE	7.0			--
MY_X4	Teaching Practice II	CC	3.0			--
MY_Δ3	Optimization	EC	7.0			--
SEMESTER 3						
MY_Δ1	Machine Learning	EC	7.0			--
MY_E0δ	Graduate Thesis (Unit D)	OTHER	30.0			--
MY_Δ5	Computer Vision	EC	7.0			--
MY_Δ4	Video Processing and Compression	EC	7.0			--
TOTAL			90			

Dissertation: « »

Abbreviations:

CC: Compulsory Course

FL: Foreign Language

FS : Free Selection

OTHER: Other

EC: Elective Course

UND: Undefined

OPT: Optional

CE: Compulsory Elective

ACC * : Course Accreditation

** : Erasmus Course Accreditation

If a double hyphen appears in ECTS Grading field, then either the minimum number of 100 examined students has not been reached or the course has been exempted or accredited.

Students' Classification

The classification of the student's performance is based on the relative score scale of the European Credit Transfer and Accumulation System (ECTS) as described below (Classification ECTS - Percentage of students normally achieving the grade): Grade A = top 10% of passing grades, B= next 25%, C= next 30%, D= next 25%, E= lowest 10% of passing grades. The ranking is calculated on a sample of at least 100 students or otherwise comparative statistical data are used based on students' performance over the last three (3) academic years (Official Gazette of the Hellenic Republic 1466/08.13.2007, Issue II, article 4).

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

In the Hellenic Higher Education System, a scale of 1 to 10 applies to the grades of all attended curriculum courses as well as the final Degree grade.

The grade of the MSc Diploma is calculated from the weighted grades of the elective courses and the weighted grade of the graduate diploma thesis, as follows: The grade of each course and the grade of the graduate diploma thesis is multiplied by the corresponding number of ECTS credits, and the sum of the individual products is divided by the sum of the above ECTS credits.

More specifically, the grading scheme of the final Degree is as follows (Ministerial Decision no 22444/B1, Hellenic

Government Gazette no 310/10-3-2005):

Άριστα (Arista) Excellent: 8.50-10.00

Λίαν Καλώς (Lian Kalos) Very Good: 6.50- 8.49

Καλώς (Kalos) Good: 5.00-6.49

Minimum passing grade: 5.00

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

"ΑΡΙΣΤΑ" (Excellent) . The degree was awarded on .

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study:

The holder of the MSc Diploma can continue his/her studies in a Doctoral Program.

5.2 Professional status (if applicable):

6. ADDITIONAL INFORMATION

6.1 Other information:

6.1.1 ERASMUS:

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6.1.2 INTERNSHIP:

The student did not participate in a placement/traineeship programme.

6.2 Further information sources:

Department of Computer Science & Engineering: /www.cs.uoi.gr

University of Ioannina: www.uoi.gr

Hellenic Republic, Ministry of Education, Research and Religious Affairs:

www.minedu.gov.gr

European Union: europa.eu

Eurydice Network: https://ec.europa.eu/education/gallery/eurydice-network_en

Hellenic National Recognition Academic Recognition Information Center (NARIC):

www.doatap.gr

7. CERTIFICATION OF THE SUPPLEMENT

7.1 Issue date: 16/12/2022

7.2 Name and Signature: -

7.3 Capacity: Head of the Department

7.4 Official Stamp or Seal:

8. THE NATIONAL HIGHER EDUCATION SYSTEM

(i) Structure and functioning

In accordance with article 16, Tertiary Education in Greece is public and free and the supervision of the State in higher education institutions is exercised by the Minister of Education and Religious Affairs, in accordance with the Constitution and Law 4957/2022.

By Law 4957/2022, higher education is provided by Higher Educational Institutions (HEIs), which are legal entities under public law fully autonomous and include Universities, Polytechnics, the School of Fine Arts and the Higher School of Pedagogical and Technological Education.

With the provisions of Laws 4521/2018, 4559/2018, 4589/2018 and 4610/2019, the Technological Educational Institutions became part of the University Institutions.

(ii) Admission

Admission to Tertiary education entails the possession of a school-leaving certificate (Baccalaureat), either from a General or a Technical Lyceum. Admission quotas for all Academic Departments are set according to the designated available places (numerus clausus) as these are defined every year by the Ministry of Education and Religious Affairs. Successful admission to a School or a Department are determined by the candidate's performance at the national level entrance examinations, the candidate's choices (by order of preference) of desired Schools/Departments, and the General Admission Grade¹; Additional examinations in one or more subjects or compulsory preparatory tests are required for admission to specific Departments (e.g. Design for entry in the School of Architecture, Musical instrument-Music Perception as well as Theory and Harmony for the Department of Music Studies).

Student admission to the Department of Fine Arts and Art Sciences of the University of Ioannina requires special entrance examinations in accordance with the relevant Ministerial decision (F. 151/17712/A5 418/B/2017).

Graduates of Vocational Training Institutes, as well as of the Post-High School Apprenticeship year, may be admitted to University Departments of related specialization of the diploma they hold, in accordance with the provisions of article 43 of Law 4763/2020 (A' 254) and Ministerial Decision No. 46935/Z1/21.04.2022 (B' 2031).

(iii) Study Cycles

First Cycle Degree Programmes: It concerns the organization of Undergraduate Programmes of Studies (P.P.S.) with a minimum number of two hundred and forty (240) credits (ECTS) and a minimum duration of eight (8) academic semesters, the successful completion of which leads to level six (6) of the National Qualifications Framework, according to article 47 of Law 4763-2022 (A' 254).

The duration of studies at the undergraduate level ranges from four (4) to six (6) years. The teaching load for each academic year is structured in two semesters, while each academic semester includes educational activities that correspond to sixty (60) credits (ECTS). The degree / diploma leads to the labor market, as well as enabling access to second and third cycle studies.

Enrolled students in the Departments of the former Technological Education Institutions (TEI) can complete the study programme of the TEI Department they were originally admitted to, and receive the corresponding degree from the TEI Department. Those, on the other hand, who meet the requirements of the provisions of article 5 of Law 4559/2018, may, upon application, complete the PPS of a University Department and receive a University degree.

Second Cycle Degree Programmes: It involves the attendance of a postgraduate study programme, which is completed with the awarding of a Postgraduate Diploma. The normal duration of a such a programme is at least two (2) semesters and the courses correspond to a minimum of 30 credits (ECTS) per semester. the successful completion of which leads to level seven (7) of the National Qualifications Framework, according to article 47 of Law 4763/2022 (A' 254).

Integrated Masters Degrees: The successful completion of certain study programmes of the first cycle lasting ten (10) compulsory semesters, and on the condition that the criteria of the Law 4485/2017 are met, lead to the award of an Integrated Masters Degree in the specialty of the Department, and the academic title corresponds to level six (6) of the National Qualifications Framework, according to article 47 of Law 4763/2022 (A' 254).

Third Cycle Degree Programmes: It concerns the organization of Doctoral Programmes of Studies (D.P.S.), with a minimum duration of three (3) academic years and is completed with the award of a doctoral degree. The successful completion of the D.P.S. leads to level eight (8) of the National Qualifications Framework, in accordance with Article 47 of Law 4763/2020.

National Quality Assurance System: With the implementation of Laws 3374/2005, 4009/2011 and 4653/2020, the Independent Authority under the name "Hellenic Authority for Higher Education" is responsible for the evaluation of the accreditation of higher education institutions, their individual academic units and their Programmes of Studies.

A detailed description of the National Higher Education System is also available in the National Folder, compiled by the Hellenic Service of the European Network for Education EURYDICE.

https://webgate.ec.europa.eu/fpfis/mwikis/eurydice/index.php/Greece:Higher_Education

<http://www.eurydice.org>

1. ¹The General Admission Grade is the average score of the six or seven courses examined nationwide with the accuracy of two decimal places. In combination with the performance in the courses of increased weight of the scientific fields, it determines the points of each candidate and these in turn regulate the admission to Higher Education.