



HELLENIC REPUBLIC
UNIVERSITY OF IOANNINA
SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
null - Ioannina - TEL. 26510 07458 - FAX: 26510 07021 - 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):** [REDACTED]
1.2 **Given Name(s):** [REDACTED]
1.3 **Year of birth - Place, Country:** [REDACTED]
1.4 **Student identification number or code:** [REDACTED]

2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1 **Name of qualification and (if applicable) title conferred (in original language)**
DIPLOMA OF COMPUTER SCIENCE AND ENGINEERING
- 2.2 **Main field(s) of study for the qualification**
All students follow a unified course of study.
- 2.3 **Name and status of awarding institution (in original language)**
The University of Ioannina is a Public Educational Institution. It underwent an External Evaluation procedure from 13/12/2015 until 19/12/2015 in accordance with the L.3374/2005, L.4009/2011. The evaluation was implemented by the External Evaluation Committee nominated by the Hellenic Quality Assurance and Accreditation Agency. The External Evaluation report was positive for the 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:**
GREEK

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

- 3.1 **Level of qualification:**
Undergraduate
- 3.2 **Official length of programme:**
10 Semesters, 300 ECTS-credits.
- 3.3 **Access requirement(s):**
Upper secondary education (GENIKO LYKEIO; see Section 8) degree. Nation-wide examination.

4. INFORMATION ON THE CONTENT AND RESULTS GAINED

- 4.1 **Mode of study:**
Full time.
- 4.2 **Programme requirements:**
In order to complete her/his studies and to receive the degree, a student must: register in at least ten semesters, be successfully examined in all the core courses of the current program of studies, including Diploma Thesis, collect at least two hundred and forty five (245) credits, and be successfully examined in the English Language.

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
1 SEMESTER						
MYY102	Calculus I	CC	6.0			
MYY103	General Physics	CC	6.0			
MYY105	Introduction to Programming	CC	6.0			
MYY104	Linear Algebra	CC	6.0			
MYY106	Introduction to Computer Science	CC	6.0			
MYY101	English I	FL	0.0			
2 SEMESTER						
MYY205	Object Oriented Programming Techniques	CC	7.5			
MYY201	English II	FL	0.0			
MYY202	Calculus II	CC	7.5			
MYY204	Discrete Mathematics I	CC	7.5			
MYY203	Basic Circuit Theory	CC	7.5			
3 SEMESTER						
MYY303	Data Structures	CC	6.0			
MYY302	Discrete Mathematics II	CC	6.0			
MYY304	Probability and Statistics	CC	6.0			
MYY301	Software Development	CC	6.0			
MYY305	Digital Design I	CC	6.0			
4 SEMESTER						
MYY405	Design and Analysis of Algorithms	CC	6.0			
MYY403	Introduction to Numerical Analysis	CC	6.0			
MYY401	Principles of Programming Languages	CC	6.0			
MYY402	Computer Architecture	CC	6.0			
MYY404	Electronics	CC	6.0			
5 SEMESTER						
MYY503	Signals and Systems	CC	6.5			
MYY504	Computational Mathematics	CC	6.0			
MYY502	Systems Programming	CC	6.5			
MYE016	Computer Science and Engineering in Biomedicine	CE	5.0			
MYE035	Computational Intelligence	CE	5.0			
MYY501	Theory of Computation	CC	6.0			
6 SEMESTER						
MYY602	Artificial Intelligence	CC	5.0			
MYY603	Communication Systems	CC	5.0			
MYE028	Advanced Algorithm and Data Structure Design	CE	5.0			
MYE001	Human Computer Interaction	CE	5.0			
MYE011	Evolutionary Computation	CE	5.0			
MYY601	Operating Systems	CC	5.0			
MYE023	Parallel Systems and Programming	CE	5.0			

Code	Course Title	Course Type	ECTS Credits	Examination Period	Grade	ECTS Grading
7 SEMESTER						
MYY701	Database Systems	CC	5.0			
MYE017	Distributed Systems	CE	5.0			
MYE025	Multimedia	CE	5.0			
MYY703	Computer Networks I	CC	5.0			
MYE012	Data Mining	CE	5.0			
MYY702	Computer Graphics and Interactive Systems	CC	5.0			
8 SEMESTER						
MYY801	Computer Networks II	CC	5.0			
MYY803	Software Engineering	CC	5.0			
MYE008	Optimization	CE	5.0			
MYY802	Compilers	CC	5.0			
OIK110	Introductory Economics II	CE	6.0			
9 SEMESTER						
MYE037	Digital Image Processing	CE	5.0			
MYE018	VLSI Circuits	CE	5.0			
MYE046	Computer Vision	CE	6.0			
MYE040	Numerical Linear Algebra	CE	5.0			
MYE042	Internet Technology	CE	5.0			
10 SEMESTER						
MYY1000	Diploma Thesis	DISS	30.0			
TOTAL			302			

Dissertation: «Thesis»

Course Type Abbreviations:

CC: Compulsory Course

FL: Foreign Language

LAB : Laboratory

EC: Elective Course

DISS: Dissertation

OPT: Optional

CE: Compulsory Elective

TR: Traineeship/Internship

MET: Course from other Departments

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.

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):

"ΛΙΑΝ ΚΑΛΩΣ" (Very Good) [REDACTED]. The diploma was awarded on [REDACTED].

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study:

The qualification allows access to postgraduate studies.

5.2 Professional status (if applicable):

No additional professional qualification is necessary for the graduates in order to be employed in the private or public sector.

6. ADDITIONAL INFORMATION:

6.1 Other information:

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

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: 01/06/2020

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) Organisation and functioning

In accordance with article 16, para.5, Tertiary Education in Greece is public and free. The Law 4485/2017 delineates the structure of Higher Education and the legal form of Higher Education Institutions.

Up until 2018 (Law 4009/2011 and 4485/2017), Higher Education was divided into two sectors:

a) The University Sector (A.E.I.), which comprised Universities, Polytechnic Schools, Athens School of Fine Arts, the Hellenic Open University (undergraduate and postgraduate studies by distance) and the International Hellenic University (provision of undergraduate education in a foreign language).

b) The Technological Sector (T.E.I.), which comprised the Technological Educational Institutions and the School of Pedagogical and Technological Education (ASPETE).

Pursuant to the provisions of Laws 4521/2018, 4559/2018, 4589/2018 and 4610/2019, Technological Educational Institutions merged with University Institutions. As of 2018, Higher Education comprises both the University Sector (Universities, Polytechnic Schools, Athens School of Fine Arts, the Hellenic Open University and the former T.E.I.) and the Technological Sector (the School of Pedagogical and Technological Education ASPETE). Additionally, there are State Institutions recognised as equal to the Institutions of the Higher Education University Sector conferring equivalent degrees (Higher Military Education Institutions ASEI), as well as State Institutions equal to the Institutions of the Technological Sector of Higher Education (Naval Academies AEN, etc). Finally, vocational and any other special training for a period of no more than three years are offered by the State under the supervision of all other Ministries.

(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).

From the academic year 2019-2020 onwards, student admission to the Department of Music Studies at the University of Ioannina requires passing the national entrance exams, organized according to the provisions of the article 19 of Law 4559/2018 (A' 142) as amended and applies (by Law 4589/2019 A' 13).

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 OGG 418/B/2017).

(iii) Study Cycles

First Cycle Degree Programmes: It involves the attendance of an undergraduate programme that leads to the acquisition of the corresponding Degree or Diploma. The degree / diploma leads to the labor market, as well as enabling access to second and third cycle studies. 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 thirty (30) credits (ECTS).

Enrolled students in the Departments of the former Technological Education Institutions (TEI) (at the time of entry into force of the above laws) complete the study programme of the TEI Department they were originally admitted to, and receive the corresponding degree from the TEI Department.

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.

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 speciality of the Department.

Third Cycle Degree Programmes: It includes the preparation of a doctoral dissertation with a duration of at least three (3) full calendar years and is completed with the award of a doctoral degree.

National Quality Assurance System: The provisions of Law 3374/2005 established the assurance of quality in Higher Education and the system of transfer and accumulation of credit units, as the framework of procedures and criteria for the evaluation of academic Departments and for the certification of student studies were determined. Aiming, among other things, at enhancing student mobility and contributing to the creation of the European Higher Education Area. With the application of Laws 4009/2011 and 4653/2020, the National Authority for Higher Education (ETHEAE) certifies the quality in higher education.

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.