



HELLENIC REPUBLIC
UNIVERSITY OF CRETE

SCHOOL OF SCIENCES AND ENGINEERING

Department of Computer Science

Voutes University Campus, 700 13, Heraklion, Crete, Greece, Tel. +30 2810-393507, Fax +30 2810-393804, <http://www.csd.uoc.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. 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 and it is free from any value judgements, 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): Kritikakis

1.2 Given Name(s): Georgios

1.3 Place, Country of Birth: Iraklio, Greece

1.4 Date of birth (day.month.year): 1994

1.5 Student identification number or code: 3309

2. INFORMATION IDENTIFYING THE QUALIFICATION

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

ΠΡΟΓΡΑΜΜΑ ΣΠΟΥΔΩΝ 2017-18

PROGRAMMA SPOYDON 2017-18

Bachelors of Science (BSc) in Computer Science

2.2 Main field(s) of study for the qualification:

KΟΡΜΟΣ

KORMOS

Core

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

ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ - ΔΗΜΟΣΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ

PANEPISTIMIO KRITIS - DIMOSIO PANEPISTIMIO

UNIVERSITY OF CRETE- PUBLIC UNIVERSITY

2.4 Name and status of institution (if different from 2.3) administering studies (in original language):

Same as 2.3

2.5 Language(s) of instruction/examination:

GREEK

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1 Level of qualification:

1st CYCLE OF STUDIES (UNDERGRADUATE STUDIES)

3.2 Official length of programme:

Minimum 8 academic semesters, Bachelor Degree of 240 ECTS Credits

3 Access requirement(s):

Registration to the Department of Computer Science of the University of Crete, can be done with any of the ways provided by the Ministry of Education and Religious Affairs, to Higher Education Institutions (State Examinations, belonging to special categories of families with numerous children, three children and other, foreigners, Greek citizens living abroad, people with sever illnesses, enrollment with examinations or with degree grade)

4. INFORMATION ON THE CONTENT AND RESULTS GAINED

4.1 Mode of study:

Full-time attendance

4.2 Programme requirements:

The requirements for graduation are as follows:

- (a) Admission to the Department, enrollment, and attendance in courses for at least eight semesters.
- (b) Successful completion of all core requirements. Core requirements include a Bachelor's thesis
- (c) Successful completion of at least 20 ECTS credits from the elective groups "Mathematics and Physics Sciences" (E1) and "Other Sciences" (E2).
- (d) Successful completion of at least 42 ECTS credits from the Computer Science elective groups (E3-E9).
- (e) Successful completion of at least 240 ECTS credits in total.

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

The courses in which the above mentioned student was successfully examined as well as the courses which the student has transferred from prior university studies or from which he is exempted, are the following:

Code Nr	Course Title	Grade	Examination Period		ECTS Credits
* 1. A07P05	Comparative Education	8,5 Eight point five	JUN-2015	NC	4
2. CS-100	Introduction to Computer Science	8 Eight	FEB-2014	Exam	8
3. CS-108	English I	9 Nine	FEB-2014	Exam	4
4. CS-109	English II	10 Ten	JUN-2014	Exam	4
5. CS-110	Calculus I	9 Nine	FEB-2014	Exam	8
6. CS-111	Calculus II	9,5 Nine point five	JUN-2018	Exam	6
7. CS-112	Physics I	8,5 Eight point five	FEB-2019	Exam	8
8. CS-118	Discrete Mathematics	7,5 Seven point five	JUN-2014	Exam	6
9. CS-119	Linear Algebra	6 Six	SEP-2014	Exam	6
10 CS-120	Digital Design	7 Seven	FEB-2014	Exam	8
11 CS-150	Programming	7 Seven	JUN-2014	Exam	8
12 CS-180	Logic	8,5 Eight point five	SEP-2015	Exam	6
13 CS-208	English III	8 Eight	FEB-2015	Exam	4
14 CS-209	English IV	8 Eight	JUN-2018	Exam	4
15 CS-215	Applied Mathematics for Engineers	8,5 Eight point five	JUN-2018	Exam	8
16 CS-217	Probability	6 Six	FEB-2015	Exam	6
17 CS-220	Digital Circuits Lab	8 Eight	FEB-2019	Exam	6
18 CS-225	Computer Organization	6 Six	JUN-2015	Exam	8
19 CS-240	Data Structures	7,5 Seven point five	SEP-2016	Exam	8

Code Nr	Course Title	Grade	Examination Period	ECTS Credits
20 CS-252	Object-Oriented Programming	7,5 Seven point five	FEB-2016 Exam	8
21 CS-255	Software Technology Laboratory	6 Six	JUN-2015 Exam	6
22 CS-280	Theory of Computation	7 Seven	SEP-2015 Exam	6
23 CS-335	Computer Networks	5,5 Five point five	FEB-2016 Exam	6
24 CS-340	Languages and Compilers	7,5 Seven point five	JUN-2018 Exam	8
* 25 CS-342	Parallel Programming	7 Seven	JUN-2018 NC	6
26 CS-345	Operating Systems	5 Five	SEP-2017 Exam	8
* 27 CS-352	Software Engineering	7,5 Seven point five	FEB-2017 NC	6
28 CS-359	Web Programming	8 Eight	FEB-2018 Exam	6
29 CS-360	Files and Databases	8,5 Eight point five	FEB-2017 Exam	8
30 CS-380	Algorithms and Complexity Theory	5 Five	FEB-2018 Exam	8
31 CS-403	Strategic Management of Start-up Companies	7 Seven	FEB-2017 Exam	6
* 32 CS-408	Technological Innovation and Entrepreneurship	6,5 Six point five	FEB-2018 NC	6
33 CS-409	Business Strategy	7,5 Seven point five	FEB-2019 Exam	6
34 CS-435	Network Technology and Programming Lab I	8 Eight	JUN-2019 Exam	6
35 CS-454	Software Engineering of Intelligent, Mobile and Multimedia Interfaces	10 Ten	FEB-2018 Exam	6
36 CS-546	Types and Programming Languages	9,5 Nine point five	FEB-2020 Exam	6
37 CS-583	Graph Algorithms	9,5 Nine point five	FEB-2020 Exam	6
38 MEM-293	Optimization Theory	6,5 Six point five	SEP-2018 Exam	8

(*) Subjects with asterisk(s) (*) are not included in prerequisites for receiving the degree.

Title of dissertation:

Extension of the PARTEE runtime system with support for dynamic memory allocation.

Grade

8.5 Eight and Fifty
Hundredths

18

The thesis was graded by the supervisor

Total ECTS Credits required for the degree: 242

Total ECTS credits: 264 ()**

(**) Please see 6.1

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

The maximum grade in a course is ten (10) and the passing grade is five (5). The grading system is characterized as follows:

EXCELLENT: from 8.50 to 10

VERYGOOD: from 6.50 to 8.49

GOOD: from 5 to 6.49

Grade less than 5 in the individual courses indicates failure

The grade point average (GPA) of graduation is computed using the weight factor of ECTS units for each course.

Furthermore, if a student has earned more than 240 ECTS credits, then, the extra courses with the lower grades may not be included in the calculation of his or her grade point average (GPA).

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

ΛΙΑΝ ΚΑΛΩΣ 7,59 ΕΠΤΑ ΚΑΙ ΠΙΕΝΗΝΤΑ ΕΝΝΕΑ ΕΚΑΤΟΣΤΑ
LIAN KALOS 7,59 EPTA KAI PENINTA ENNEA EKATOSTA
VERY GOOD 7.59 SEVEN AND FIFTY NINE HUNDREDTHS

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study:

Access to 2nd Cycle of studies (Postgraduate studies) or/and to 3rd Cycle of studies (Doctorate Studies) under certain conditions.

5.2 Professional status (if applicable):

The program of study faces Computer science as a technological science: having strict scientific foundations and methodology, it aims in the manufacture of hardware and software systems, that are called to serve concrete human needs. Thus, it covers from equal the objects of hardware and software, the applications of information technology, and theory. At the same time, is given balanced accent in the teaching of strict scientific method and in the cultivation of the abilities of composition and mentality of engineer via special work and laboratories.

6. ADDITIONAL INFORMATION

6.1 Additional information:

(**) According to the Φ. 14.1/B3/2166/17-6-1987 YA (ΦΕΚ 308 τ. Β') and the Department's programme of studies, students are allowed to accumulate more than 240 ECTS credits at the time of graduation

According to the Ministry of Education & Religious Affairs circular (Φ5/4530/B3/17-5-2004), a student can be declared to have graduated before the graduation ceremony; specifically, on the day the grade of the last educational component, required by the programme of studies, is provided by the teacher. Prerequisite for the graduation is that the student has accumulated the number of ECTS credits required. The aforementioned student is declared to have graduated on 14/02/2020.

6.2 Further information sources:

University of Crete: <<http://www.uoc.gr>>

Ministry of Education and Religious Affairs: <<http://www.minedu.gr>>

European Union: <<http://ee.europa.eu>>

7. CERTIFICATION OF THE SUPPLEMENT

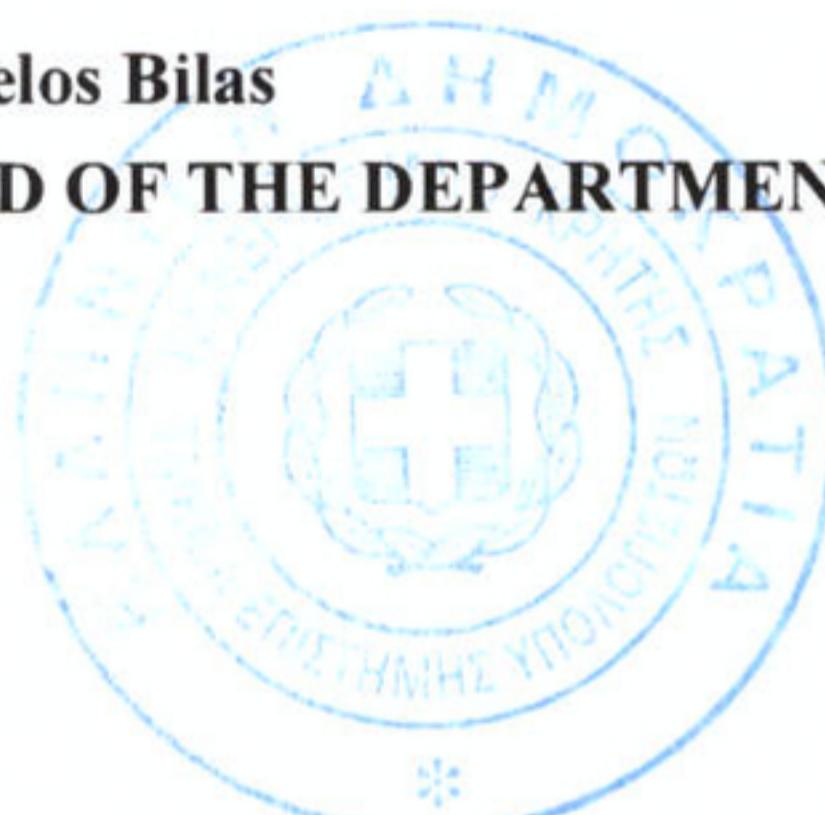
7.1 Date: 27/3/2020

7.2 Signature:

Angelos Bilas

HEAD OF THE DEPARTMENT

7.3 Capacity



7.4 Official stamp or seal:

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

(i) Structure

According to the Framework Law (2007), higher education consists of two parallel sectors: the University sector (Universities, Polytechnics, Fine Arts Schools, the Open University) and the Technological sector (Technological Education Institutions (TEI) and the School of Pedagogic and Technological Education).

The same law regulates issues concerning governance of higher education along the general lines of increased participation, greater transparency, accountability and increased autonomy.

There are also State Non-university Tertiary Institutes offering vocationally oriented courses of shorter duration (2 to 3 years) which operate under the authority of other Ministries.

(ii) Access

Entrance to the various Schools of the **Universities (Panepistimio)** and **Technological Education Institutions (Technologiko Ekipaideftiko Idryma - TEI)** depends on the general score obtained by Lyceum graduates on the Certificate, as described above (Section 5.iv), on the number of available places (*numerus clausus*) and on the candidates' ranked preferences among schools and sections.

(iii) Qualifications

Students who successfully complete their studies in universities and TEI are awarded a *Ptychio* (first cycle degree). First cycle

programmes last from four years for most fields to five years for engineering and certain other applied science fields and six years for medicine. The *Ptychio* leads to employment or further study at the post-graduate level that includes the one year second cycle leading to the second degree, *Metaptychiako Diploma Eidikesis* - equivalent to the *Master's* degree - and the third cycle leading to the doctorate degree, *Didaktoriko Diploma*.

Recent legislation on quality assurance in Higher Education, the Credit Transfer System and the Diploma Supplement defines the framework and criteria for evaluation of university departments and for certification of student degrees. These measures aim at promoting student mobility and contributing to the creation of a European Higher Education Area.

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

- EURYBASE (http://www.eurydice.org/Eurybase/frameset_eurybase.html) and
- EURYDICE (<http://www.eurydice.org>) database of the European Education Systems.

Higher education structure – 2010

