



UNIVERSITY OF MACEDONIA ECONOMIC AND SOCIAL SCIENCES
DEPARTMENT OF APPLIED INFORMATICS

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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 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):
1.2 Given Name(s):
1.3 Date of birth: Place of birth:
1.4 Student identification number:
2. INFORMATION IDENTIFYING THE QUALIFICATION
2.1 Name of qualification and (if applicable) title conferred (in original language): ΠΤΥΧΙΟ ΕΦΑΡΜΟΣΜΕΝΗΣ ΠΛΗΡΟΦΟΡΙΚΗΣ
2.2 Main field(s) of study for the qualification: APPLIED INFORMATICS
2.3 Name and status of awarding institution (in original language): ΠΑΝΕΠΙΣΤΗΜΙΟ ΜΑΚΕΔΟΝΙΑΣ ΟΙΚΟΝΟΜΙΚΩΝ ΚΑΙ ΚΟΙΝΩΝΙΚΩΝ ΕΠΙΣΤΗΜΩΝ - PUBLIC UNIVERSITY
2.4 Name and status of institution (if different from 2.3) administering studies: As in 2.3
2.5 Language(s) of instruction/examination: GREEK (unless otherwise stated)
3. INFORMATION OF THE LEVEL OF THE QUALIFICATION
3.1 Level of qualification: FIRST DEGREE
3.2 Official length of programme: 4 ACADEMIC YEARS - 8 SEMESTERS
3.3 Access requirement(s): HIGH SCHOOL DIPLOMA - PANHELLENIC ENTRANCE EXAMS / ADMISSION ACCORDING TO SPECIAL LEGAL PROVISION
4. INFORMATION OF THE CONTENT AND RESULTS GAINED
4.1 Mode of study: FULL TIME STUDY
4.2 Programme requirements: TO OBTAIN THEIR DEGREE FROM THE DEPARTMENT OF APPLIED INFORMATICS STUDENTS MUST COMPLETE AT LEAST 240 ECTS CREDIT UNITS. STUDENTS IN PROGRAMS FOR WHICH NO ECTS CREDIT UNITS HAVE BEEN ESTABLISHED MUST COMPLETE AT LEAST 240 COURSE CREDIT UNITS.

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

Courses that the student has successfully completed, as well as courses that the student has received recognition or exemption:

Code	Course Title	Course Type	Course Credits	ECTS Credits	Grade	At the Highest %	Total No of Students
ΠΑ0203-2	MANAGEMENT OF INFORMATION SYSTEMS & NEW TECHNOLOGIES	Y	3.0	5.0	8	20%	193
ΠΑ0201	DATA STRUCTURES	Y	3.0	5.0	10	10%	242
ΠΑ0509-2	INTRODUCTION TO ALGORITHM ANALYSIS	Y	3.0	5.0	10	1%	238
ΠΑ0112	APPLIED MATHEMATICS II	Y	4.0	5.0	8	20%	189
ΠΑ0206-2	COMPUTER SYSTEMS ORGANIZATION	Y	4.0	5.0	10	5%	265
ΠΑ0204-1	COMPUTER PROGRAMMING II (VISUAL)	Y	3.0	5.0	10	3%	244
ΠΑ0401	OBJECT- ORIENTED PROGRAMMING	Y	3.0	5.0	10	10%	246
ΠΑ0304-1	COMPUTER ARCHITECTURE	Y	3.0	5.0	10	1%	251
ΠΑ0303-1	MICROECONOMIC ANALYSIS	Y	3.0	5.0	9	10%	198
ΠΑ0104	STATISTICS I	Y	4.0	5.0	8	35%	262
ΠΑ0305	COMPUTATIONAL MATHEMATICS	Y	3.0	5.0	10	3%	211
ΠΑ0416	PRODUCTION MANAGEMENT	E	2.0	3.0	9	20%	78
ΠΑ0313-1	NETWORK RPROGRAMMING	Y	3.0	5.0	10	5%	153
ΠΑ0404	OPERATING SYSTEMS	Y	4.0	5.0	10	1%	192
ΠΑ0205	ACCOUNTING	Y	3.0	5.0	10	10%	152
ΠΑ0403-2	MACROECONOMIC MODELS AND POLICIES	Y	3.0	5.0	9	20%	209
ΠΑ0202	STATISTICS II	Y	3.0	5.0	9	5%	175
ΠΑ0417	QUALITY CONTROL	E	2.0	3.0	9	> 50%	9
ΠΑ0501-1	DATABASES I	Y	3.0	5.0	10	1%	194
ΠΑ0505-2	COMPUTER GRAPHICS	Y	3.0	5.0	10	3%	257
ΠΑ0503-2	NETWORKS	Y	3.0	5.0	10	3%	196
ΠΑ0302	STATISTICS III	Y	3.0	5.0	9	35%	165
ΠΑ0502	FINANCE	Y	3.0	5.0	9	20%	158
ΠΑ0510	SPECIAL ISSUES IN ACCOUNTING	E	2.0	3.0	10	20%	57
ΠΑ0415	TEACHING METHODOS I	E	2.0	3.0	9	50%	43
ΠΑ0603-1	ANALYSIS AND DESIGN OF INFORMATION SYSTEMS	Y	3.0	5.0	10	10%	207
ΠΑ0601	DATABASES II	Y	3.0	5.0	10	1%	215
ΠΑ0605	HUMAN COMPUTER INTERACTION	Y	3.0	5.0	10	1%	208
ΠΑ0612	MARKETING	Y	3.0	5.0	9	20%	199
ΠΑ0504	ECONOMETRICS I	Y	3.0	5.0	9	10%	175
ΠΑ0618	CRYPTOGRAPHY	E	2.0	3.0	10	20%	54
ΠΑ0620	TAX ACCOUNTING	E	2.0	3.0	10	20%	90
ΠΑ0803	COMPUTERIZED ACCOUNTING	Y	3.0	5.0	10	5%	200
ΠΑ0709	ECONOMETRICS II	Y	3.0	5.0	9	10%	192
ΠΑ0703	STRATEGY AND MANAGEMENT OF INFORMATION SYSTEMS	Y	3.0	5.0	8	20%	194
ΠΑ0710-1	MULTIMEDIA SYSTEMS	Y	3.0	5.0	10	3%	186
ΠΑ0713-1	INFORMATION AND SYSTEMS SECURITY	E	2.0	3.0	10	20%	40
ΠΑ0722	GAME THEORY	E	2.0	3.0	10	20%	26
ΠΑ0705-1	PARALLEL PROCESSING	E	2.0	3.0	9	50%	26
ΠΑ0805	DECISION SUPPORT SYSTEMS	E	2.0	3.0	10	> 50%	1
ΠΑ0718-1	LATENT VARIABLE MODELS	E	2.0	3.0	8	> 50%	97
ΠΑ0711-1	LINEAR OPTIMIZATION ALGORITHMS	Y	4.0	5.0	7	20%	187
ΠΑ0816	WEB PROGRAMMING	Y	3.0	5.0	10	20%	154
ΠΑ0804	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS	Y	3.0	5.0	10	10%	181
ΠΑ0613	SOFTWARE ENGINEERING	Y	3.0	5.0	10	1%	170
ΠΑ0825	NETWORKS AND INTERNET APPLICATIONS SECURITY	E	2.0	3.0	10	20%	47
ΠΑ0811	MANAGEMENT OF INFORMATION TECHNOLOGY PROJECTS	E	2.0	3.0	10	20%	33
ΠΑ0807	ELECTRONIC COMMERCE AND BUSINESS	E	2.0	3.0	9	50%	128
ΠΑ0818	COSTING	E	2.0	3.0	9	35%	36

STUDENT'S GRADE POINT AVERAGE (GPA):	9.44
CLASS AVERAGE:	7.04
THE STUDENT'S GPA BELONGS TO THE TOP:	0.71%
DATE OF COMPLETION OF PROGRAMME REQUIREMENTS:	14.10.2008
GRADUATION DATE:	11.11.2008

The holder of the qualification was admitted upon special graduate admission exams in the 2nd semester. Courses marked with (+) have been taught in English. Courses marked with (++) have been taught in French. Courses with an asterisk (*) are not required for the degree. The column 'Course credits' denotes the teaching credits and the column 'ECTS credits' denotes the student's workload for each course (class sessions, seminars, assignments, exams, etc.).

Totals: Y = 34 E = 15
Total no of courses: 49

ECTS Totals: Y = 170.0 E = 45.0
ECTS Total: 215.0

Abbreviations:

Course types: Y: Compulsory
E: Elective
EF: Foreign Language
YE: Compulsory Elective
YK: Compulsory in the core curriculum
EK: Elective in the core curriculum
YT: Compulsory in the major
ET: Elective in the major

Ranking: <=1,5% corresponds to 1%
1,6% - 3,5% corresponds to 3%
3,6% - 5,5% corresponds to 5%
5,6% - 10,5% corresponds to 10%
10,6% - 20,99% corresponds to 20%
21% - 35,99% corresponds to 35%
36% - 50,99% corresponds to 50%
51% - 100% corresponds to >50%

4.4 Grading scheme: EXCELLENT: 8,50 TO 10 VERY GOOD: 6,50 TO 8,49 GOOD: 5 TO 6,49	A PASS GRADE i.e. A MINIMUM 5 IS REQUIRED IN EVERY COURSE.
4.5 Overall classification of the qualification (in original language): APIΣTA - 9.44	

5 INFORMATION ON THE FUNCTION OF THE QUALIFICATION
5.1 Access to further study: ACCESS TO POSTGRADUATE STUDIES
5.2 Professional status (if applicable): NO PROFESSIONAL QUALIFICATION REQUIRED FOR THE EMPLOYMENT OF OUR GRADUATES

6 ADDITIONAL INFORMATION
6.1 Additional information: STUDY AT ANOTHER EDUCATIONAL INSTITUTION IS NOT REQUIRED
6.2 Further information sources UNIVERSITY OF MACEDONIA (www.uom.gr) MINISTRY OF CULTURE, EDUCATION AND RELIGIOUS AFFAIRS (www.minedu.gov.gr)

7 CERTIFICATION OF THE SUPPLEMENT
7.1 Date: 11/11/2008
7.2 Name and Signature:

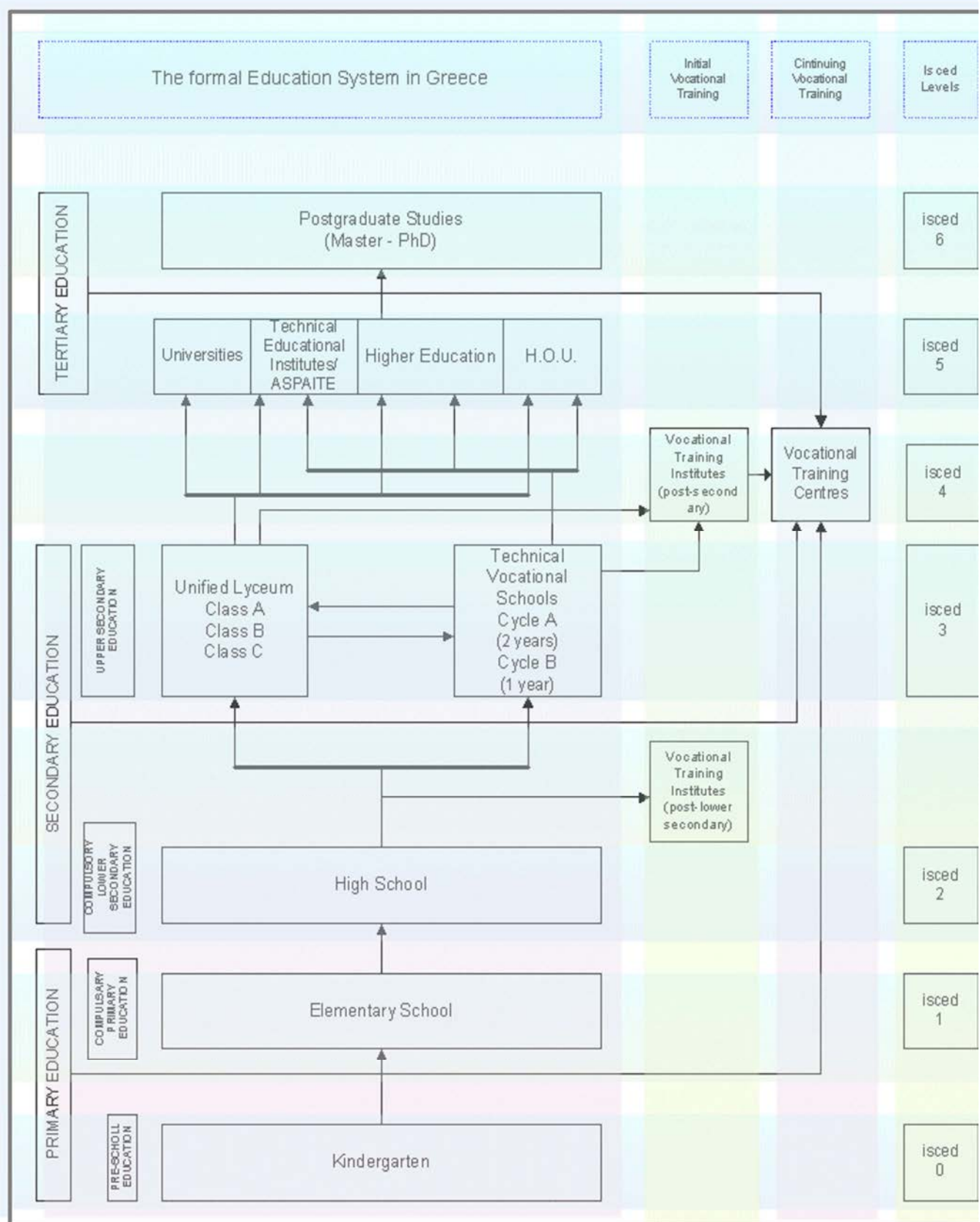
7.3 Capacity:

7.4

8 INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

<http://www.eurydice.org>

THE EDUCATION SYSTEM IN GREECE



Source: National Center for Vocational Orientation (2003), Ministry of Education (www.ekep.gr).