

#### HELLENIC REPUBLIC

# ARISTOTELEIO PANEPISTIMIO THESSALONIKIS (ARISTOTLE UNIVERSITY OF THESSALONIKI) FACULTY OF ENGINEERING SCHOOL OF ARCHITECTURE

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#### 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):
- 1.2 Given Name(s):
- 1.3 Date of birth (day/month/year), Place, Country of Birth
- 1.4 Student identification number or code:

# 2. INFORMATION IDENTIFYING THE QUALIFICATION

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

Δίπλωμα Αρχιτέκτονος Μηχανικού (Diploma Architektonos Michaniku) (Diploma of Architect Engineer)

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

ARCHITECTURE

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:

Greek

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

3.1 Level of qualification:

Integrated 1st and 2nd Cycle

3.2 Official length of programme:

10 SEMESTERS, 300 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 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  $\Phi5/89656/\beta3$ , art. 1-3, Hellenic Government Cazette 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):

Upper secondary degree - Nationall examination or Post-degree Interim Examination held by the School of Architecture.

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

#### 4.1 Mode of study:

Full-time.

## 4.2 Programme requirements:

To be awarded a Diploma in Architecture/Engineering students have to follow and to be assessed on theoretical and design modules which are organised in three sections: the introductory programme, the programme of basic studies and the diploma programme. Studies are completed with the completion of the two final dissertations: the final diploma design theses and the final diploma research theses that count to 30 and 12 ECTS credits respectively.

The School curriculum aims at developing an architecture education that will enable the graduates of the School to undertake projects that span across all scales of design, from industrial to urban design. Our graduates possess the necessary knowledge and experience to deal with urban issues and to know the techniques through which they can undertake effectively urban scale projects. In parallel they have been taught modules on urban and regional planning that enable them to cooperate creatively with regional planners as members of a transdisciplinary team. Our graduates have been taught the basics of landscape design and have designed relevant projects. Our graduates have extensive knowledge and experience in a broad spectrum of conservation. They have been taught and practised in various types of draftmanship necessary for a competent architectural project submission as well as in studies of the environmental and technological aspects that have an impact on architectural form.

To support these practices our graduates have acquired sufficient knowledge of the history of architecture, history of art and theory of architecture in order for the design of their proposals to have qualities that derive from past experiences, theoretical investigations of the present and cultural references to the broader world of fine arts. Our graduates are familiar with the human sciences in order for their architecture to be socially sensitive, and are in a position to perceive effectively the social and cultural dynamics of the respective context. Through their engagement with the fine arts (painting, sculpture, etching, stage design, photography etc.) our graduates have developed artistic competences that have a direct impact on the quality of the proposal they will put forward. They have sufficient knowledge of issues related to building physics and the techniques and methods whereby a building is environmentally sensitive and comfort is ensured for its inhabitants. Our graduates also possess the basic knowledge of structural design and the respective calculations, with particular emphasis on concrete, so that can be effective members of a transdisciplinary design team.

The general education they receive from the School of Architecture of AUTh allows our graduates to comprehend the essence of the profession of architecture and the vital role this plays in the social and cultural development and life. They have practised dealing with all constraints imposed on architectural design and are, therefore, in a position to deal with constraints imposed by individuals, social groups and institutions, building and other technical regulations, the planning authorities and the cost of construction. They have been taught and have practised to use adequately the most crucial and popular software related to architectural design in a way to effectively represent space, to encounter technical issues, to produce simulation models, to create form and to relate design with construction. They have worked on essays that have allowed them to delve into architecture and are able to undertake research on the various aspects and knowledge domains related to architecture.

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

Courses that students have successfully attended, as well as subjects for which students have received recognition or exemption (COR = Core courses, COME = Elective Core courses, FL - Foreign Language, OPT = Optional courses, FELS = Free Elective courses) are mentioned below. The module codes define the programme to which the module belongs (1= Introductory Courses Program, 2= Program of Basic Courses, 3= Program of Diploma Courses), the type of module ( $\Sigma$ = Design,  $\Theta$ = Theory, T= Technology, M= Representation) and if it was undertaken in the context of ERASMUS (ER) student mobility programmes, as well as the number related to the module. The modules that have been delivered in the previous institutions, before admission to the School of Architecture of AUTh, and have been recognized after the admission, either from Post-degree Interim Examination held by the School of Architecture or from exchange programmes until 2010-11, are compulsory for the Diploma award but are not marked and are not aggregated in the overall Diploma classification. According to the regulations of Aristotle University of Thessaloniki the credits of foreign language courses will not be added to the total credits and the mark will not be counted towards the diploma. This applies for students who have enrolled from 2003 and onwards. Two semesters are compulsory:

Code	Courses	Type	ECTS credits	Grade	Examination period	ECTS Grading
1⊖504	HISTORY OF ARCHITECTURE & HISTORY OF ART, ANTIQUITY II	COR				С
IM101	DRAWING I	COR				В
1M102	VISUAL ARTS I	COR				C
1M301	MEANS OF REPRESENTATION IN ARCHITECTURE I	COR				В
1M303	SURVEYING AND THEMATIC CHARTOGRAPHY	COR				D
1M308	MEANS OF REPRESENTATION IN ARCHITECTURE II	COR				В
1Σ515	INTRODUCTION TO THE ORGANIZATION OF URBAN SPACE	COR				В
1T103	INTRODUCTION TO BUILDING TECHNOLOGY	COR				C
1T301	PRINCIPLES OF STRUCTURAL ENGINEERING	COR				D

Code	Courses	Туре	ECTS credits	Grade	Examination period	ECTS Gradin
20403	ARCHITECTURE FROM THE 10th TO THE 19th CENTURY	COR	3.0			В
20405	HISTORY OF THE 19th AND 20th CENTURY ARCHITECTURE	COR	3.0			A
2⊝602	BYZANTINE, POPULAR AND MODERN GREEK ART	COR	3.0			C
2⊝603	ART IN EUROPE FROM LATE MEDIEVAL STYLES TO NEOCLASSICISM	COR	3.0			В
2⊝604	MODERN ART IN THE 19th AND 20th CENTURY	COR	3.0			C
2M302	CAD AND DIGITAL REPRESENTATIONS	COR	3.0			C
2Σ160	FROM DESIGN TO CONSTRUCTION I	COR	9.0			Α
2Σ161	FROM DESIGN TO CONSTRUCTION II	COR	3.0			A
2T121	ARCHITECTURAL TECHNOLOGY: ANALYSIS- DESIGN/ ARCHITECTURAL TECHNOLOGY: IMPLEMENTATION STUDY	COR	9.0			D
2T131	ARCHITECTURAL TECHNOLOGY: ANALYSIS- DESIGN/ ARCHITECTURAL TECHNOLOGY: IMPLEMENTATION STUDY	COR	3.0			D
2T141	ASPECTS OF THE DESIGN OF SUSTAINABLE BUILDING SKINS	COR	3.0			С
2T301	METAL AND LIGHTWEIGHT STRUCTURES	COR	3.0			В
2T302	REINFORCED CONCRETE	COR	3.0			В
2T303	STATICS AND DYNAMICS OF STRUCTURES	COR	3.0			В
2T401	MECHANICAL AND ELECTRICAL FACILITIES	COR	3.0			В
1⊖505	HISTORY OF ARCHITECTURE AND HISTORY OF ART, ANTIQUITY I	COME	3.0			В
1M302	SKETCHING, DRAWING, DRAFTING AND MODEL MAKING	COME	6.0			С
1Σ101	INTRODUCTION TO ARCHITECTURAL DESIGN	COME	9.0			C
1Σ104	ARCHITECTURE OF THE CITY: AN INTRODUCTION	COME	9.0			В
2⊝101	THEORY OF SPACE AND ARCHITECTURE	COME	3.0			A
2@102	THEORY OF ARCHITECTURAL CRITICISM	COME	3.0			В
20112	THEORIES OF DECONSTRUCTION AND COMPLEXITY OF ARCHITECTURE	COME	3.0			C
2Θ205	THEORIES OF URBAN PLANNING	COME	3.0			В
2⊝311	THEORY OF CONSERVATION AND RESTORATION OF ARCHITECTURAL MONUMENTS AND COMPLEXES	COME	3.0			٨
2⊝343	LANDSCAPE ARCHITECTURE: URBAN OPEN SPACE DESIGN	COME	3.0			С
20345	BUILDING, ENVIRONMENT AND NATURAL RESOURCES	COME	3.0			С
20367	THEORIES OF SPATIAL DEVELOPMENT	COME	3.0			A
20404	BYZANTINE, ISLAMIC PERIOD	COME	3.0			A
2⊖503	URBAN AND PLANNING HISTORY	COME	3.0			В
20702	HUMAN COMMUNICATION AND SPACE ARCHITECTURAL REFLECTION	COME	3.0			D
2M101	PAINTING I	COME	3.0			В
2Σ108	RESIDENCE: MEANINGS, SPACES, RESIDENTIAL EXAMPLES	COME	9.0			В
2Σ139	LANDSCAPE / SPACE / FORM: SPACES FOR CULTURE	COME	9.0			С
2Σ152	NATURE AND SPACE CONSTRUCTIONS	COME	6.0			C
2Σ225	RESTORATION AND REUSE OF HISTORICAL BUILDINGS AND ENSEMBLES (METHODOLOGY- PRACTICE)	COME	3.0			D
2Σ235	RESTORATION AND REUSE OF HISTORICAL BUILDINGS AND ENSEMBLES (ANALYSIS- DESIGN)	COME	6.0			D
2Σ302	URBAN SYNTHESIS	COME	6.0			В
2Σ312	URBAN SYNTHESIS	COME	3.0			A
2Σ405	LANDSCAPE DESIGN OF URBAN OPEN SPACES	COME	6.0			C

Code	Courses	Type	ECTS credits	Grade	Examination period	ECTS Grading
2Σ505	URBAN PLANNING AND DESIGN: MASTER PLAN, DEVELOPMENT PLAN- WORKSHOP	COME	6.0			С
2Σ515	URBAN PLANNING AND DESIGN: MASTER PLAN, DEVELOPMENT PLAN- THEORY	COME	3.0			В
2Σ606	URBAN SYSTEMS AND SPATIAL PLANNING (STUDIO)	COME	6.0			D
2T503	ARCHITECTURAL MEASURE DRAWING AND HISTORICAL BUILDINGS SURVEY	COME	6.0			С
ER0048	ARCHITECTURAL DESIGN AND URBAN PLANNING DIPLOMA STUD. /TECHNISCHE UNIVER. BERLIN/ ERASMUS ST.MOB.PR.	COME	9.0			
ER0049	URBAN PLANNING AND DESIGN DIPLOMA STUDIO TOUGHT AT TECHNISCHE UNIV. BERLIN/ ERASMUS STUDENT MOB. PR.	COME	9.0			
ER0057	INDIRECT SUPER VISION STUDIO TOUGHT AT TECHNISCHE UNIVERSITAT BERLIN/ ERASMUS STUDENT MOBILITY PROGR.	COME	6.0			
ER0069	HISTORY OF ART FREE ELECTIVE COURSE TOUGHT AT TECHNISCHE UNIV. BERLIN/ ERASMUS STUD. MOBILITY PROG.	COME	3.0			
ER0090	FREE ELECTIVE COURSE TOUGHT AT TECHNISCHE UNIVERSITAT BERLIN/ ERASMUS STUDENT MOBILITY PROGRAM	COME	3.0			
ER0098	VISUAL ARTS TOUGHT AT TECHNISCHE UNIVERSITAT BERLIN/ ERASMUS STUDENT MOBILITY PROGRAM	COME	3.0			
2M401	ENGLISH LANGUAGE - I	FL	1.5			В
2M402	ENGLISH LANGUAGE - II	FL	1.5			A
20414	ISSUES OF THE HISTORY OF SCHOOL ARCHITECTURE	OPT	3.0			В
PROJECT						
	DIPLOMA RESEARCH THESES		12.0			Λ
	DIPLOMA DESIGN THESES		30.0			A

The diploma is awarded according to the required minimum local credit units and the student may be examined in two more optional courses(Ministerial Decision no Φ.1231/B1/425, art. 60 section 3, Hellenic Government Gazette no 1099/2000/B)

# DIPLOMA RESEARCH THESES DIPLOMA DESIGN THESES

ECTS grading (A=10%, B=25%, C=30%, D=25%, E=10%) is based on a sample of a minimum of 100 students. If the sample is not sufficient then nothing is noted (according to the Ministerial Decision no Φ.5/89656/B3, art. 4, Hellenic Government Gazette no 1466/2007/B). The ECTS grading system is based on the Annex 3 of the ECTS Guide, 2009, and on Crocker, L., & Algina, J. (1986). Introduction to classical and modern test theory. New York: Harcourt Brace Jovanovich College Publishers.

Dissertations or/and Internship projects as well are considered as individual projects and they are not graded based on a previous sample. The same stands for the Erasmus courses for which we accept the grading of the receiving institution and we convert it to the local grade accordingly.

## 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.

Аргота (Arista) Excellent: 8,50-10,00

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

Καλώς (Kalos) Good: 5,00-6,49

Avεπιτυχώς (Anepitychos) Fail: 0-4.99

Minimum passing grade: 5

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

"Αριστα" ("Excellent"): 8.88

# 5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

# 5.1 Access to further study:

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

# 5.2 Professional status (if applicable):

To practise architecture and to be able to call oneself an architect our graduates have to sit an examination organized by the Technical Chamber of Greece.

# 6. ADDITIONAL INFORMATION

#### 6.1 Additional information:

The Diploma in Architecture-Engineering of Aristotle University of Thessaloniki is listed in the Annex V.7. of the directive 2005/36/EC of the European Parliament of the recognition of professional qualifications. As a consequence, our graduates are entitled to work legally as architects across the European Union.

#### 6.2 Further information sources

SCHOOL OF ARCHITECTURE: http://bio.auth.gr ARISTOTLE UNIVERSITY OF THESSALONIKI: http://www.auth.gr GREEK MINISTRY OF EDUCATION & RELIGIOUS AFFAIRS: http://www.minedu.gov.gr EUROPEAN UNION EDUCATIONAL ISSUES: http://www.europa.eu.int

# 7. CERTIFICATION OF THE SUPPLEMENT

7.1 Date: 14/2/2014

7.2 Name and Signature: Mr. Nicos KALOGIROU, Professor

7.3 Capacity:

President of the School

7.4 Official Stamp or seal:

This certificate is issued for foreign authorities and is signed by the President of the School according to the regulation No. 49923/2008 (Hellenic Government Gazette no 873/2008/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 (3d 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 (<a href="http://www.eurydice.org">http://www.eurydice.org</a>) database of the European Education Systems. <a href="http://eacea.ec.europa.eu/education/eurydice/documents/thematic\_reports/122EN.pdf">http://eacea.ec.europa.eu/education/eurydice/documents/thematic\_reports/122EN.pdf</a> (pages 82,83)

