



HELLENIC REPUBLIC  
ARISTOTELEIO PANEPISTIMIO THESSALONIKIS (ARISTOTLE UNIVERSITY OF THESSALONIKI)  
FACULTY OF SCIENCES  
SCHOOL OF BIOLOGY

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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): KARAGIANNI  
1.2 Given Name(s): AIKATERINI  
1.3 Date of birth (day/month/year), Place, Country of Birth 05/03/1993, ATHENS, GREECE  
1.4 Student identification number or code: 1600120110056613

**2. INFORMATION IDENTIFYING THE QUALIFICATION**

- 2.1 Name of the qualification and (if applicable) title conferred (in original language):  
Πτυχίο Βιολογίας (Ptychio Viologias) ( Degree in Biology)  
2.2 Main field(s) of study for the qualification:  
Biology with specialization field: General Biology-Education  
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: 1st Cycle  
3.2 Official length of programme:  
8 SEMESTERS, 240 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 student work load 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 Φ5/89656/β3, art. 1-3, Hellenic Government Gazette no 1466/2007/Β). Each course is credited with a number of ECTS ( $\geq$  2) according to the student's workload (contact hours, laboratory work, examination etc) and accumulation of credits (ECTS) is accomplished after successful completion of the course.  
3.3 Access requirement(s):  
Upper secondary degree (6 years of studies). National level examination.



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

##### 4.1 Mode of study:

Full-time

##### 4.2 Programme requirements:

To graduate from the School of Biology, students have to attend and successfully complete courses (compulsory and elective). The programme of studies is structured as follows: The first four semesters include core courses that provide the student with the necessary fundamental knowledge. During the following two semesters students attend compulsory courses belonging to one of the following specialisations (A. Environmental Biology, B. Molecular Biology, Genetics and Biotechnology, C. General Biology- Education). During the last two semesters students select elective courses and/or undergraduate dissertation (equivalent to 3 courses) and/or internship (equivalent to 2 courses). The elective and specialisation courses determine the specialisation. The examination is oral/written or in an assignment form. The Undergraduate Study Program (USP) provided by the Department of Biology aims at training bioscientists to study and comprehend the evolution of life and its complexity, from the molecular to the ecosystem level and to promote research in the biological sciences and related state-of-the-art applications. At the applied level, the USP also aims in training and providing the graduates with the necessary skills related to the sectors of education, health and environment. Specifically, upon successful completion of their studies graduates of the School of Biology based on their courses, dissertation and practical training can acquire training and skills closely related to (a) teaching of Biology in Secondary Education, (b) scientific research at all levels of biological organization of life, (c) the examination and identification of biological material, (d) the performance and evaluation of biological laboratory analyses, (e) the application of biotechnological and genetic engineering methods, (f) monitoring and evaluation of species and populations, habitat types and landscape units, (g) undertaking studies on ecosystem conservation and restoration, (h) research on the control of populations, environmental conditions and anthropogenic activities threatening human health and ecosystem functioning and finally (i) consulting on general aspects and issues of biology. Graduates of the School of Biology, further to the basic knowledge of their discipline and profession are able to: 1) apply knowledge in practice, 2) search, process, analyse and synthesize data and information, use also the necessary technologies, 3) adapt to novel situations and make decisions, 4) work independently or in groups in international and/or interdisciplinary contexts, 5) generate new research ideas and design and manage projects, 6) respect diversity, multiculturalism and the natural environment, 7) demonstrate social, professional and moral responsibility and sensitivity to gender issues, 8) view themselves as well as others critically, 9) promote free, inductive and deductive thinking.

##### 4.3 Programme details (e.g. 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 (COR = Core courses, ELC A = Compulsory courses belonging to the selected specialisation, ELC = Elective courses, ELM=Elective courses belonging to the selected specialization, EX = Exchange, DIS = Dissertation, PRT = Internship. Course codes denote the responsible Department, the semester and the serial number):

Code	Courses	Type	ECTS credits	Grade	Examination period	ECTS Grading
EC.01.01	MATHEMATICS AND STATISTICS IN BIOLOGY	COR	5.0	7.0	FEB 2015	C
GM.01.06	MICROBIOLOGY	COR	7.0	6.0	FEB 2017	D
ZO.01.03	MORPHOLOGY & SYSTEMATICS OF INVERTEBRATES	COR	8.0	8.0	FEB 2015	B
BO.01.04	PLANT MORPHOLOGY	COR	7.0	5.0	SEP 2016	D
GM.01.05	PHILOSOPHY & MODERN TRENDS OF BIOLOGY	COR	2.0	9.0	SEP 2015	B
GM.01.02	PHYSICAL CHEMISTRY	COR	5.0	6.0	FEB 2013	D
BO.02.09	PLANT ANATOMY	COR	6.0	8.0	JUN 2016	B
GM.02.07	BIOCHEMISTRY	COR	7.0	7.0	SEP 2016	C
EC.02.11	GENERAL ECOLOGY	COR	6.0	7.0	FEB 2015	B
GM.02.10	MOLECULAR BIOLOGY	COR	7.0	6.0	FEB 2017	D
ZO.02.08	MORPHOLOGY & SYSTEMATICS OF CHORDATA	COR	8.0	6.0	FEB 2015	C
GM.03.14	CELL BIOLOGY	COR	7.0	5.0	SEP 2015	E
GM.03.15	GENETICS	COR	7.0	9.0	FEB 2016	B
ZO.03.12	ANIMAL PHYSIOLOGY I	COR	7.0	5.0	JUN 2017	E
BO.03.13	PLANT PHYSIOLOGY	COR	8.0	7.0	SEP 2014	B
GM.04.19	DEVELOPMENTAL BIOLOGY	COR	6.0	7.0	SEP 2013	C
EC.04.16	POPULATION ECOLOGY	COR	7.0	9.0	SEP 2014	A
GM.04.20	EVOLUTION WITH ELEMENTS OF POPULATION GENETICS	COR	5.0	8.0	FEB 2016	B
BO.04.18	SYSTEMATIC BOTANY	COR	7.0	10.0	SEP 2014	A
ZO.04.17	ANIMAL PHYSIOLOGY II	COR	6.0	6.0	SEP 2016	C
ZO.07.08	ENTREPRENEURSHIP AND INNOVATION	ELC	6.0	9.0	FEB 2015	C
EC.ENB.7.6	ENVIRONMENTAL EDUCATION AND PUBLIC AWARENESS	ELC	6.0	7.5	FEB 2015	C



Code	Courses	Type	ECTS credits	Grade	Examination period	ECTS Grading
BO.MGB.7.3	ENVIRONMENTAL PLANT PHYSIOLOGY	ELC	6.0	6.0	SEP 2015	D
BO.ENB.8.7	VEGETATION ANALYSIS AND DIVERSITY	ELC	6.0	10.0	JUN 2016	A
ZO.ENB.8.3	ICHTHYOLOGY - FISHING BIOLOGY	ELC	6.0	9.5	SEP 2015	B
EC.ENB.8.6	PROTECTION, BIOMONITORING AND RESTORATION OF ECOLOGICAL SYSTEMS	ELC	6.0	6.0	SEP 2015	D
GM.MGB.5.1	IMMUNOLOGY	ELS	5.0	6.0	SEP 2016	D
EC.ENB.5.20	SUSTAINABILITY	ELS	7.0	9.0	FEB 2014	B
GM.MGB.5.3	HUMAN GENETICS	ELS	5.0	8.0	SEP 2015	B
GM.MGB.5.4	GENETIC ENGINEERING	ELS	5.0	8.0	SEP 2014	B
GM.MGB.5.2	SPECIAL TOPICS ON GENETICS	ELS	6.0	8.0	FEB 2016	B
BO.ENB.6.24	BIOGEOGRAPHY	ELS	4.0	8.0	FEB 2016	B
GM.MGB.6.7	BIOINFORMATICS	ELS	5.0	8.0	SEP 2015	B
GM.MGB.6.9	BIOTECHNOLOGY OF ANIMALS AND PLANTS	ELS	6.0	6.0	FEB 2016	C
GM.MGB.6.8	BIOTECHNOLOGICAL APPLICATIONS OF MICROORGANISMS	ELS	5.0	9.0	JUN 2014	B
ZO.ENB.6.25	MARINE BIOLOGY	ELS	5.0	6.0	SEP 2015	C
ZO.ENB.6.23	RIVER AND LAKE ECOSYSTEMS	ELS	8.0	10.0	JUN 2014	A
EC.ENG.5.19	ECOLOGICAL ANALYSIS	ELS	5.0	10.0	FEB 2015	A
GE0201	INTERNSHIP 1	PRT	6.0	10.0	SEP 2015	A
GE0202	INTERNSHIP 2	PRT	6.0	10.0	SEP 2015	A
GE0101	DISSERTATION I	DIS	6.0	10.0	FEB 2016	A
GE0102	DISSERTATION II	DIS	6.0	10.0	FEB 2016	A
GE0103	DISSERTATION III	DIS	6.0	10.0	FEB 2016	A

**TOTAL ECTS****260**

The Degree is awarded according to the required minimum local credit units and the student may be examined in two more optional courses(section 3, art. 60, Ministerial Decision no Φ1.231/B1/425, Hellenic Government Gazette no 1099/2000/B)

INTERNSHIP 1-2: Study of the mesozooplankton community structure and production in the Saronikos Gulf.

DISSERTATION I-III: Aquatic microorganisms' diversity in artificial water systems.

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 and Internship projects are considered individual projects and cannot be graded on the basis of 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.

Άριστα (Arista) Excellent: 8.50-10.00

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

Καλώς (Kalos) Good : 5.00-6.49

Ανεπιτυχώς (Anepitychos) Fail: 0.00-4.99

Minimum passing grade : 5

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

"Λίαν Καλώς" ("Very Good"): 7.75

**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):**

Not applicable

**6. ADDITIONAL INFORMATION****6.1 Additional information:**

Not applicable

**6.2 Further information sources**

SCHOOL OF BIOLOGY: <http://www.bio.auth.gr>  
 GRADUATE'S WEBSITE: <http://grads.bio.auth.gr>  
 ARISTOTLE UNIVERSITY OF THESSALONIKI: <http://www.auth.gr>  
 MINISTRY OF EDUCATION, RESEARCH AND RELIGIOUS AFFAIRS: <http://www.minedu.gov.gr>  
 EUROPEAN UNION EDUCATIONAL ISSUES: <http://www.europa.eu.int>  
 EURYDICE: <http://eacea.ec.europa.eu/education/eurydice/index.en.php>

**7. CERTIFICATION OF THE SUPPLEMENT****7.1 Date:** 21/7/2017**7.2 Name and Signature:** S.KIOUTSIOUKI-KEPPA**7.3 Capacity:**

On behalf of the Rector the Head of the Administration Office

**7.4 Official Stamp or seal:**

This certificate is issued for use in abroad and is signed by the Head of the Administration Office of the School, according to Rector's Decision no 17992/29.01.2015 (Official Journal of the Hellenic Republic 334/10.03.2015, vol. B').

## R. 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 (3<sup>d</sup> cycle), Didaktorio 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 (<<http://www.eurydice.org>>) database of the European Education Systems.  
 <[http://eacea.ec.europa.eu/education/eurydice/documents/thematic\\_reports/122EN.pdf](http://eacea.ec.europa.eu/education/eurydice/documents/thematic_reports/122EN.pdf)> (pages 82,83)

