

HELLENIC REPUBLIC  
UNIVERSITY OF PATRAS



«THEORETICAL AND APPLIED MATHEMATICS (ThAMa)»  
SCHOOL OF NATURAL SCIENCES  
DEPARTMENT OF MATHEMATICS

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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 Student identification number or code:

1.4 Date of birth (day/month/year): Place, Country of Birth:

### 2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of the qualification (in original language):

*Postgraduate Diploma in «Theoretical and Applied Mathematics, ThAma»*

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

*Mathematical Science*

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

*University of Patras, Public Higher Education Institute (HEI), Panepistimio Patron*

2.4 Name and status of institution/s administering studies (in original language)

*University of Patras, Public Higher Education Institute (HEI), Panepistimio Patron*

2.5 Language(s) of instruction/examination:

*Greek or/and English*

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

3.1 Level of qualification: 2<sup>nd</sup> cycle (*Postgraduate studies*)

3.2 Official length of programme:

*Minimum length 2 academic semesters*

3.3 Access requirement(s):

*Admission to the Postgraduate program requires a degree or a higher education diploma in Mathematics, or in Applied Mathematics, or in Engineering from a Polytechnic School of 5-years of study. If degree or diploma has been awarded from an Institution outside Greece, it should be certified by the Hellenic National Academic Recognition Information Center (NARIC).*

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

##### 4.1 Mode of study:

Fulltime attendance offered by conventional training methods

##### 4.2 Program requirements:

The post-graduate student will have completed his/her studies and will receive his/her diploma, provided the following requirements have been fulfilled. Collection of sixty (60) ECTS credits as follows: Attendance and successful examination in three (3) elective courses selected in the Fall Semester, in three (3) elective courses selected in the Spring Semester, and successful presentation of the Postgraduate Diploma Thesis, at the end of Spring Semester. Every course in the Fall Semester is taught for four (4) hours per week and corresponds to ten (10) ECTS, every course in the Spring Semester is taught for three (3) hours per week and corresponds to six (6) ECTS, and the Postgraduate Diploma Thesis corresponds to twelve (12) ECTS.

The Postgraduate Program in «Theoretical and Applied Mathematics, ThAma» aims at a specialized postgraduate education in pure and applied mathematics. More precisely, it aims at:

a. Training and deeper study in basic mathematics areas and their applications

b. Education of Highest Level according to international standards, so that the graduate will achieve a good academic career or a successful job.

##### 4.3 Program details and the individual grades/credits obtained):

CODE	COURSE	TYPE	Semester	ECTS credits	Grade	Examination period
PAM_11	Algebra	E	FALL	10		e.g JANUARY 2019
PAM_12	Analysis	E	FALL	10		e.g. JANUARY 2020
PAM_13	Differential Equations	E	FALL	10		
PAM_14	Differential Manifolds	E	FALL	10		
PAM_15	Mathematical Modeling	E	FALL	10		
PAM_20	Postgraduate Diploma Thesis	M	SPRING	12		
PAM_21	Topics in Algebra	E	SPRING	6		
PAM_22	Topics in Analysis	E	SPRING	6		
PAM_23	Topics in Geometry	E	SPRING	6		
PAM_24	Topics in Differential Equations	E	SPRING	6		
PAM_25	Topics in Mathematical Physic	E	SPRING	6		
PAM_26	Topics in Topology	E	SPRING	6		
<b>DIPLOMA GRADE</b>					<b>(GRADE)</b>	

For obtaining the postgraduate title the successful examination at 6 elective courses of a total of 48 ECTS credits. In addition, every postgraduate student must submit a Diploma Thesis at 12 ECTS credits, hence the total number of ECTS credits required for the degree is 60.

Postgraduate Diploma Thesis: «.....»

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

Student performance is evaluated as follows:

8.50 -10.00	EXCELLENT
6.50 -8.49	VERY GOOD
5.00-6.49	GOOD

The above grading scheme corresponds exclusively to the grades and description indicated in the awarded postgraduate

degree.

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

e.g. 7,25 (VERY GOOD)

**5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION**

**5.1 Access to further study:**

*Doctoral Studies (Ph.D.)*

**5.2 Professional status (if applicable) :**

*Positions of increased duties in public or private sector*

**6. ADDITIONAL INFORMATION**

**6.1 Additional information:**

*Other information relevant with the training of the title holder (e.g. further information for voluntary courses, exemptions, scholarships, Erasmus mobility etc).*

**6.2 Further information sources:**

University of Patras: <http://www.upatras.gr/el/post-grads>

Department of Mathematics: <https://www.math.upatras.gr>

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

European Union: <http://www.ec.europa.eu>

**7. CERTIFICATION OF THE SUPPLEMENT**

**7.1 Date:**

**7.2 Signature and full name:**

Head of the Department

Secretary/Deputy Secretary

**Capacity:**

**Official stamp**

**8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM**

[https://eacea.ec.europa.eu/national-policies/eurydice/content/greece\\_en](https://eacea.ec.europa.eu/national-policies/eurydice/content/greece_en)