



Hellenic Republic



UNIVERSITY OF WEST ATTICA

FACULTY OF ENGINEERING

Department of Electrical and Electronics Engineering

UNIVERSITY OF WEST ATTICA

CAMPUS 2

250, P. Ralli & Thivon Ave., Athens-Egaleo, GR-12241, Greece

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DIPLOMA SUPPLEMENT

The purpose of the Diploma 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 is free from any value judgements, equivalence statements or suggestions about recognition. This Diploma Supplement model was developed by the European Commission, Council of

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1	Last name(s)	<input type="text"/>
1.2	First name(s)	<input type="text"/>
1.3	Father's name	<input type="text"/>
1.4	Mother's name	<input type="text"/>
1.5	Date of birth (dd/mm/yyyy)	<input type="text"/>
1.6	Student identification number or code (if available)	MSCRES-00XX

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1	Name of qualification and (if applicable) title conferred (in original language)	Master of Science by Research in Electrical & Electronics Engineering
2.2	Main field(s) of study for the qualification	Electrical and Electronics Engineering
2.3	Name and status of awarding Institution (in original language)	University of West Attica, Greek Public Higher Education Institution
2.4	Name and status of institution (if different from 2.3) administering studies (in original language)	As in 2.3 above
2.5	Language(s) of instruction/ examination	Greek

3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION

3.1 Level of the qualification

Second Cycle - EQF Level 7

3.2 Official duration of programme in credits and/or years

90 ECTS – 1.5 Years – 3 Academic Semesters

3.3 Access requirements(s)

Applicants should hold a University or a University of Applied Sciences degree from a national or an accredited international institution of higher education, in Mathematics, Science, Technology or Engineering.

4. INFORMATION ON THE PROGRAMME COMPLETED AND THE RESULTS OBTAINED

4.1 Mode of study

The MSc program is offered by face-to-face instruction in class, either in full-time mode (3 semesters) or in part-time mode (5 (min) to 6 (max) semesters). Attendance of classes is mandatory.

4.2 Programme learning outcomes

Upon successful completion of the MSc Program students are expected to be able to:

- Exhibit deep knowledge in specialized areas of the field of Electrical and Electronics Engineering, and understand, describe and classify theoretical knowledge, knowledge representation models, methods and tools for the application of existing solutions as well as for the successful address of challenges and open research questions in these areas,
- Analyze problems, compose solutions and comparatively evaluate alternative approaches in specialized areas of the field of Electrical and Electronics Engineering,
- Design and implement, initially under supervision and gradually by autonomous activity, research plans including specific research methods and protocols, to set and test research hypotheses and document the acceptance or rejection of hypotheses or views, both in theory and via experimental verification,
- Collaborate with peer scientists in multi-disciplinary fields of application of their specialized knowledge, towards the development of new knowledge and innovation,
- Describe and present in a correct, accurate and complete manner their work and its results, at the individual and the team level, in oral, written or other suitable form or medium,
- Develop and put to practical use their awareness and sensitivity on the ethical rules of Research and on the individual, social, financial and environmental dimensions of the consequences of research results; discern open issues and new challenges posed by these results,
- Develop their research interests in order to continue their studies in the 3rd cycle of Doctoral Studies (EQF Level 8), in specialized areas within the field of Electrical and Electronics Engineering.

4.3 Programme details, individual credits gained and grades/marks obtained

Nr	Course Code and Title	Examination Period	Course Type	ECTS Credits	Grade
1st Semester					
1	A.1 Research Methodology-Technical Writing	PERIOD1 (WINTER) 2017-2018	Mandatory	6	
2	A.2.07 Computational Intelligence and Deep Learning	PERIOD1 (WINTER) 2017-2018	Elective	9	
3	A.3 Supervised Research A	PERIOD1 (WINTER) 2017-2018	Mandatory	15	
2nd Semester					
4	B.1.01 Science, Technology and Society	PERIOD1 (WINTER) 2017-2018	Elective	6	
5	B.2.07 Educational Data: Mining-Analytics-Visualization	PERIOD1 (SPRING) 2017-2018	Elective	9	
6	B.3 Supervised Research B	PERIOD1 (SPRING) 2017-2018	Mandatory	15	
3rd Semester					
7	C.1 MSc Thesis	PERIOD1 (SPRING) 2017-2018	Mandatory	30	
8	C.2 Publication of Research results	PERIOD1 (SPRING) 2017-2018	Mandatory	0	
TOTAL SUM OF COURSE CREDITS ECTS				90,0	

MSc Thesis title – MSc Thesis grade:

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4.4 Grading system and, if available, grade distribution table

According to the Graduate Studies Regulation, grades are given in the 0 to 10 scale, with two decimal digits, and accompanied by the following characterizations:

A	Excellent	8.50 - 10.00
B	Very Good	6.50 - 8.49
C	Good	5.00 - 6.49
D	Insufficient	4.00 - 4.99
E	Fail	0.00 - 3.99

For successful completion of a course module, the final grade received must be 5.00 or higher. The final module grade is the weighted average of the grades obtained in all educational activities required in the module, as outlined in the Module Description and according to the relative weights set therein.

For successful completion of the MSc program and conference of the MSc degree, the GPA must be 6.00 or higher.

4.5 Overall classification of the qualification (in original language)

XX.XX -

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study

The Master of Science by Research in Electrical & Electronics Engineering gives access to studies of the 3rd cycle (Level 8 of the EQF/NQF) to obtain a PhD.

5.2 Access to a regulated profession (if applicable)

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6. ADDITIONAL INFORMATION

6.1 Additional information

Not available

6.2 Further information sources

Greek Ministry of Education web site: <http://www.minedu.gov.gr>

University of West Attica web site: <http://www.uniwa.gr>

Department of Electrical and Electronics Engineering web site: <http://eee.uniwa.gr>

M.Sc. by Research in Electrical & Electronics Engineering web site:
<http://mscres.eee.uniwa.gr/index.php/el/>

Postal Address: University of West Attica, 250, Thivon str., Athens-Egaleo, GR-12241, Greece

7. CERTIFICATION OF THE SUPPLEMENT

Date

25/02/2022

Official stamp or seal

Vice Rector for
Academic and
Student Affairs

EFSTATHIA
PAPAGEORGIOU

Professor

Digital Signature

Head of the
Department

EFSTATHIOS
KYRIAKIS-BITZAROS

Professor

Digital Signature

Director of the
MSc Program

MARIA
RANGOSSI

Professor

Digital Signature

Head of the
Secretariat of the
Department

KALLIOPI
TRIANTAFYLLOU

Administr. Employee

Digital Signature

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

Key Features of the Education System

The provision of free education to all citizens and at all levels of the state education system is a constitutional principle of the Greek State. The Greek educational system is centralised. National laws, presidential decrees and ministerial acts are prevalent within it. The central administrative body for the education system across all fields, agencies and levels is the Ministry of Education and Religious Affairs. It takes the key decisions related to long-term objectives. It also regulates various issues, such as curricula content, staff recruitment and funding.

According to the Greek Constitution (article 16), higher education is public. It is provided only by institutions which are legal entities of public law. HEIs enjoy full self-administration and academic freedom. They are subject to state supervision. The government finances them. No private HEIs exist in the country. Admission of students has to do with their performance in the national panhellenic exams at the end of grade C of lykeio (upper secondary school).

Law 4521/2018 established the University of West Attica. It is the merger of two technological educational institutes: TEI of Piraeus and TEI of Athens. According to law 4610/2019 the University of West Attica has merged the National School of Public Health (ESDY).

ΠΑΝΕΠΙΣΤΗΜΙΟ

UNIVERSITY OF WEST ATTICA

CYCLES OF STUDIES

First cycle of studies EQF Level 6

During the first cycle of studies, students attend a study programme which leads to the award of a degree (**titlos spoudon**). Students complete their studies and receive their degree, when they have passed the courses specified in the curriculum and accumulated the required credits. Every academic year includes educational activities corresponding to 60 credits.

Within the first cycle of studies, every institution may organise short cycle study programmes, including modules corresponding to no more than 120 credits, leading to the award of a short cycle training certificate. This certificate is by no means equivalent to a first cycle studies' degree.

Pursuant to the system established by law 4610/2019, all the scientific fields of different departments of higher education are redefined. Based on the new system, faculties are grouped into scientific fields, depending on their fields of knowledge:

Field 1: Humanities, Law and Social Sciences Field 2: Natural and Technological Sciences Field 3: Health and Life Sciences Field 4: Sciences of Economy and Informatics

Admission requirements: Graduates of lykeio (upper secondary schools) participate in the panhellenic exams being held simultaneously all over the country. The panhellenic exams are centrally supervised by the Ministry of Education and Religious Affairs. A central exams committee approves the exam topics, taking into consideration the curriculum relevant to grade C of lykeio (upper secondary school) or EPAL (vocational upper secondary school). The number of new entries in every department of higher education institutes follows the principle of numerus clausus and is defined by the Ministry of Education and Religious Affairs.

The duration of studies at the undergraduate level ranges from four (4) to six (6) years. The teaching load for each academic year is structured in two semesters, while each academic semester includes educational activities that correspond to thirty (30) credits (ECTS).

Enrolled students who chose to complete the study programme of the Technological Education Institute Department they were originally admitted to (the former Technological Education Institutes (TEI) of Athens and of Piraeus), receive the corresponding degree.

Second Cycle Programmes EQF Level 7

Departments of higher education institutions may organise second cycle programmes aiming at the specialisation of graduates in fields of knowledge adherent to the scientific fields of undergraduate study programmes. Furthermore, more than one departments of the same or other higher education institutions or research centres and institutes may organise second cycle programmes.

Autonomous departments of national HEIs collaborate with departments recognised as peer institutions or research centres and institutes abroad for the organisation and operation of joint postgraduate study programmes (Master Degrees), (law 4485/2017). By decision of the Minister of Education and Religious Affairs, the procedure for the establishment of the joint postgraduate study programmes (PMS) is defined. The issues are regulated in the EPS for any relevant topic (ministerial decision 41931/Z1/19-3-2018). The academic year begins on the 1st of September of each year and ends on the 31st of August of the following year.

The educational programme of each academic year is divided into two semesters. A second cycle programme may begin during the winter or the spring semester.

Admission requirements:

All graduates of Greek Universities or of equivalent foreign institutions can be admitted to second cycle programmes. The selection is specified in the regulation of postgraduate studies taking into consideration the following academic criteria: The overall degree grades, the grades obtained in undergraduate modules relevant to those of the postgraduate programme, the student thesis, when a thesis is required at undergraduate level, any research experience the student might possess. Another prerequisite is the knowledge of at least one foreign language besides the official language of the second cycle programme the student attends. The language's knowledge level is defined by the regulation of postgraduate studies of each second cycle programme.

Programmes outside the Bachelor and Master Structure EQF Level 7

Completion of first cycle study programmes of 10 semesters minimum duration for the acquisition of a degree in higher education institutions, may lead, under conditions, to the acquisition of an integrated master's degree equivalent to the department's specialisation (law 4485/2017).

Doctoral studies EQF Level 8

Third cycle study programmes include the writing of a doctoral dissertation leading to the award of a doctoral degree. Autonomous university departments organise these programmes. The doctoral degrees are granted by the university the department is associated with. Eligible to apply for a doctoral thesis are postgraduate degree holders of: Greek higher education institutions, Equivalent foreign institutions, Integrated master's qualification according to law 4485/2017. In exceptional cases, non-Masters' Degree holders, may be accepted as PhD students.

Supervision arrangements: Writing a doctoral dissertation is a process which demands close cooperation between the doctorate candidate and his/her supervisor. The department's general assembly appoints for each doctorate candidate a supervisor and a three-member advisory committee. The committee's main duty is to provide mentoring to doctoral candidates. The supervisor is one of the three members of the advisory committee.

For a detailed description of the Hellenic National Higher Education System please consult the file compiled by the Hellenic Service of the European Network for Education

EURYDICE

https://eacea.ec.europa.eu/national-policies/eurydice/content/greece_en

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