

# Diploma Supplement



Instituto Politécnico de Tomar

This Diploma Supplement follows 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 qualification to which this supplement is appended. It should be free from any value-judgements, 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): **(apelido)**

1.2 Given name(s): **(nome do aluno)**

1.3 Date of birth (day/month/year): **(day/month/year)**

1.4 Student identification number or code: **(cod aluno)**  
Student Citizen Card (ID): **(identificação)**

## 2 INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of qualification and title conferred:  
**Mestrado em Reabilitação Urbana; Mestre**

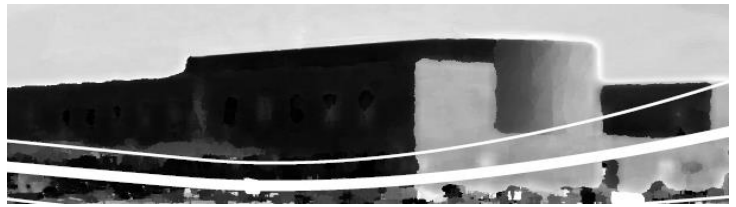
2.2 Main field(s) of study for the qualification:  
**Building, Infrastructures**

2.3 Name and status of awarding institution:  
Instituto Politécnico de Tomar  
Public Higher Education Establishment created in 1996 by Decree-Law No. 96/96, published in the Official Journal of the Republic Series I-A, No.164 of July 17, 1996.

2.4 Name and type of institution administering studies (if different from 2.3):  
Escola Superior de Tecnologia de Tomar  
of the Instituto Politécnico de Tomar

2.5 Language(s) of instruction/examination:  
Portuguese





### 3 INFORMATION ON THE LEVEL OF THE QUALIFICATION

#### 3.1 Level of the qualification:

##### **Mestrado em Reabilitação Urbana**

Level 7 of EQF (European Qualifications Framework)

#### 3.2 Official length of programme:

Two years, 4 Semesters, 120 ECTS.

#### 3.3 Access requirement(s):

The following individuals are eligible to apply for entry in a programme leading to the master's degree:

- Holders of a *licenciado* degree or legal equivalent awarded by another national higher education institution in conservation and restoration or related areas;
- Holders of a foreign higher degree awarded on completion of a first-cycle programme organised by a foreign country in the framework of the Bologna Process;
- Holders of a foreign higher degree which is deemed to meet the requirements of a *licenciado* degree by the scientific council;
- Holders of a *bacharel* degree (pre-Bologna first degree) in conservation and restoration and whose scientific and professional curriculum is deemed by the scientific council as appropriate to access the programme.
- Holders of an academic, scientific or professional curriculum which is deemed by the scientific council as appropriate to access the programme.

### 4 INFORMATION ON THE CONTENTS AND RESULTS GAINED

#### 4.1 Mode of study:

Full-time

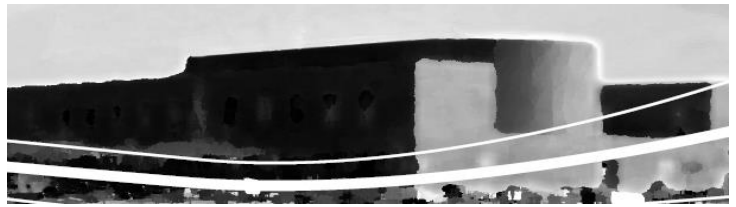
#### 4.2 PROGRAMME REQUIREMENTS:

This second-cycle programme includes and articulates different specialties in an attempt to meet the needs at urban rehabilitation level. The Master's Degree in Urban Rehabilitation aims to provide both generic and in-depth skills in study and research as well as in the development of practical applications in the field of architectural and urban rehabilitation. It was designed to provide advanced training in matters such as diagnosis of pathologies and techniques for evaluation and intervention in built heritage and urban infrastructures

#### ECTS per field of study

FIELD OF STUDY	ABBREV	ECTS	
		COMPULSORY	ELECTIVE
Building	C	40	45
Structures	EST	10	
Infrastructures	INF	25	
<b>Total</b>		<b>75</b>	<b>45</b>





## Master's degree in Urban Rehabilitation

### Year 1

COURSE	FIELD OF STUDY	DURATION	WORKLOAD <sup>(*)</sup>				ECTS
			TOTAL	CONTACT HOURS <sup>(*)</sup>			
				T	TP	OT	
Characterisation of Built Heritage	C	1st S*	135	15	30	-	5
Conservation and Rehabilitation of Buildings I	C	1st S*	135	-	45	4	5
Pathology of Materials	C	1st S*	135	15	30	3	5
Applied Geotechnics	INF	1st S*	135	-	45	4	5
Technical Installations I	INF	1st S*	135	-	45	2	5
Structural Assessment Methods	EST	1st S*	135	-	45	2	5
Conservation and Rehabilitation of Buildings II	C	2nd S*	135	-	45	4	5
Technical Installations II	INF	2nd S*	135	-	45	2	5
Intervention Procedures on Building Structures	EST	2nd S*	135	-	45	2	5
Urban Rehabilitation and Renewal	C	2nd S*	135	-	45	-	5
Regeneration of Urban Pavements	INF	2nd S*	135	-	45	4	5
Sustainability and Environmental Impact Assessment	C	2nd S*	135	15	30	4	5

### Year 2

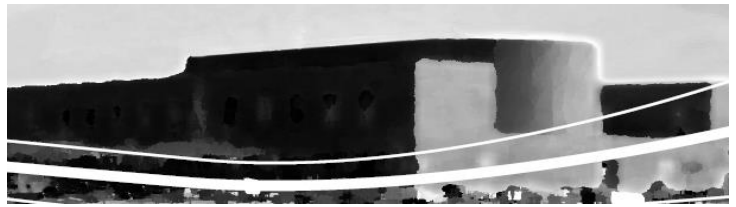
COURSE	FIELD OF STUDY	DURATION	WORKLOAD <sup>(*)</sup>				ECTS
			TOTAL	CONTACT HOURS <sup>(*)</sup>			
				T	TP	OT	
On-Site Management and Coordination	C	1st S*	135		45		5
Regeneration of Basic Sewerage Systems	INF	1st S*	135		45		5
Energy Efficiency in Buildings	C	1st S*	135	15	30	4	5
Project or Placement	C/EST /INF <sup>a)</sup>	1st S*	405			45	15
		2nd S*	810			75	30

a) Students can choose between Project or Placement in one field of study (Building, Structures or Infrastructures).

1st S . First Semester  
2nd S . Second Semester

(\*) T- Lectures; TP . Theoretical-Practical Sessions; OT . Tutorials.





#### 4.3 Programme Details and grades/marks/credits gained:

Transcript of Records enclosed (see Appendix I).

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

For each module minimum passing grade is 10 out of a 0-20 grading scale.

To determine final grades for each ECTS scale we considered the distribution of final grades in percentage in the three years preceding that in which the student obtained his/her passing grades within A, B, C, D and E intervals, these corresponding to 10%, 25%, 30%, 25% and 10% of the students respectively. When the number of graduates does not reach a minimum of 30 individuals in the preceding three to five years, the ECTS scale is replaced by the reference to the ranking number of the student in the relevant year and the number of students graduating that same year. This applies both to courses and to final grade.

#### 4.5 Final grade of the qualification:

*Mestrado* completed on **26-11-2012**

Final grade: **14 Valores / [C]** (Grade according to EECC scale as possible or Ranking (R) of student and number of graduates that year)

### 5 INFORMATION ON THE FUNCTION OF THE QUALIFICATION

#### 5.1 Access to further study:

The *Mestre* degree allows access to *Doutor* degrees as defined in section 8.

#### 5.2 Professional Status:

(Not applicable)





## 6 ADDITIONAL INFORMATION

6.1 Additional information:  
(Non-Available)

6.2 Further information sources:

### **Escola Superior de Tecnologia de Tomar**

Quinta do Contador . Estrada da Serra, 2300-313 Tomar  
Tel: (+251) 249 328 107  
Fax: (+351) 249 328 187  
e-mail: [estt@ipt.pt](mailto:estt@ipt.pt)  
URL: <http://www.estt.ipt.pt>

### **Instituto Politécnico de Tomar**

Quinta do Contador . Estrada da Serra, 2300-313 Tomar  
Tel: (+251) 249 328 100  
Fax: (+351) 249 328 186  
e-mail: [geral@ipt.pt](mailto:geral@ipt.pt)  
URL: <http://www.ipt.pt>

### **Ministério da Ciência e Ensino Superior É Direção Geral do Ensino Superior**

Av. Duque DqÁvila, 137, 1069-016 Lisboa  
Tel.: (+351) 213126000  
Fax: (+351) 213126001  
URL: <http://www.mces.gov.pt>  
URL: <http://www.dges.mces.pt>

## 7 CERTIFICATION OF THE SUPPLEMENT

7.1 Date: **08-01-2013**

7.2 Signature: \_\_\_\_\_

7.3 Capacity: Academic Registrar

7.4 Official stamp or seal:

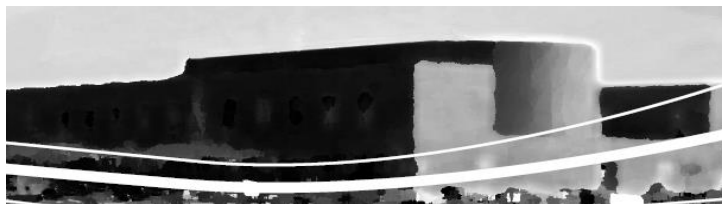
## 8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM(S)

The description of the Portuguese Education System, officially provided by NARIC (National Academic Recognition Information Centre), is enclosed (see Appendix II).

For further information go to

<http://www.dges.mctes.pt/DGES/pt/Reconhecimento/NARICENIC/Reconhecimento+Académico/Suplemento+ao+Diploma/>





## APPENDIX I Transcript of Records

Student Name: **(nome completo)**

Student Identification Number or Code: **(cod aluno)**

Programme Title: **Mestrado em Reabilitação Urbana**

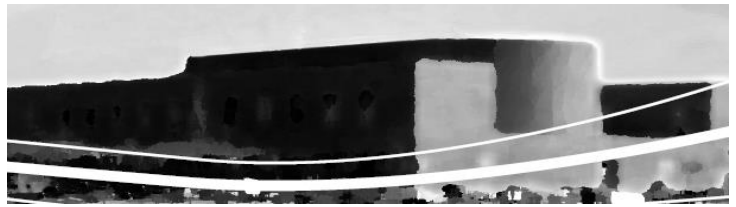
### ECTS per field of study

Field of Study	Total ECTS
Structures	10
Building	40
Infrastructures	70

### Courses completed by the student

Course Unit	Year	Grade	ECTS	EECC Classif.
Regeneration of Urban Pavements	1	13	5	D
Structural Assessment Methods	1	14	5	C
Urban Rehabilitation and Renewal	1	15	5	C
Sustainability and Environmental Impact Assessment	1	16	5	B
Technical Installations I	1	13	5	D
Conservation and Rehabilitation of Buildings II	1	13	5	D
Pathology of Materials	1	14	5	C
Intervention Procedures on Building Structures	1	11	5	E
Conservation and Rehabilitation of Buildings I	1	14	5	C
Characterisation of Built Heritage	1	14	5	C
Technical Installations II	1	15	5	C
Applied Geotechnics	1	12	5	D
On-Site Management and Coordination	2	15	5	C
Regeneration of Basic Sewerage Systems	2	15	5	C
Energy Efficiency in Buildings	2	10	5	E
Estágio/Infra-Estruturas (2S)	2	15	30	C
Estágio/Infra-Estruturas (1S)	2	13	15	D





## APPENDIX II

### Information on the Portuguese Higher Education System

#### Section 8

The Education Act (Law No.46/86, dated 14 October 1986, further amended by Laws No.115/97, dated 19 September and No. 49/2005, dated 30 August) establishes the general legal framework of the Education System.

According to this Law, the educational system comprises three levels: basic, secondary and higher education.

Basic education is universal, compulsory and free and comprises three cycles: the first cycle lasts for four years, the second lasts for two years and the third lasts for three years. Pre-school education is optional and is for children between 3 years old and the mandatory school age.

Secondary education is not compulsory and comprises a 3-year cycle (corresponding to the tenth, eleventh, and twelfth year of schooling).

#### HIGHER EDUCATION STRUCTURE

The first steps towards the legal reform of the higher education system were made in 2005, with the introduction of the new credit system (ECTS), mobility mechanisms, diploma supplement, amongst others. Changes were also introduced in the Education Act in order to implement the Bologna Process.

The new structure divided into 3 levels of study was created in 2006 and it was completely implemented in Portugal in 2009/2010. Generic qualification descriptors were also defined for each level, based on acquired competences, as well as the structure for the first and second levels in terms of typical ECTS intervals.

Higher Education includes university and polytechnic education. University education is offered by public, private and cooperative university institutions and polytechnic education is offered by public, private and cooperative non-university institutions. Private higher education institutions must be subject to the previous recognition of the Ministry of Science, Technology and Higher Education.

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#### **Licenciado degree**

Both university and polytechnic institutions award *licenciado* degrees (bachelor). In polytechnic education, the course of study leading to the *licenciado* degree is worth 180 credits and has a normal length of six semesters. In certain cases, namely those covered by internal legislation or by European legislation, the course of study can be worth up to 240 credits with a normal length of up to seven or eight semesters.

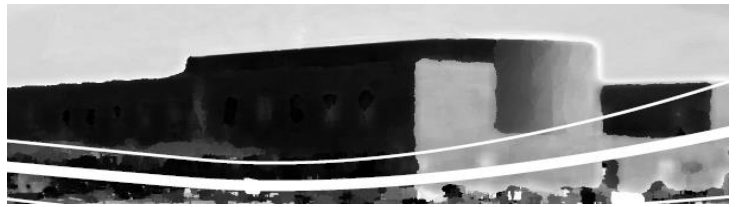
In university education, the course of study leading to the *licenciado* degree is worth from 180 to 240 credits and has a normal length between six to eight semesters.

In the first cycle, the *licenciado* degree is awarded to students who have completed all the electives included in their study plan amounting to the stipulated number of credits for the respective course and after having successfully defended the relevant dissertation, project work or internship report.

#### **Mestre degree**

Both university and polytechnic institutions confer the *mestre* degree (master). The course of study leading to the *mestre* degree is worth from 90 to 120 credits and has a normal length of three to four semesters. In polytechnic education, the course of study leading to the *mestre* degree must ensure, above all, that the student acquires a professional specialization. In university education, the course of study leading to the *mestre* degree must ensure that the student acquires an academic specialization resorting to research, innovation or expansion of professional competences. In university education, the *mestre* degree may also be awarded after an integrated course of study worth 300 to 360 credits and a normal length of 10 to 12 semesters, in cases where the length of studies required to access a certain professional activity is established by EU regulations or results from sound practical training within the European Union. In this cycle, the *licenciado* degree is awarded on gaining 180 credits corresponding to the first six semesters of work.





The *mestre* degree is awarded to students who have completed all the electives included in their study plan, have earned the stipulated number of credits for the respective course and have successfully defended the relevant dissertation, project work or internship report.

### **Doutor degree**

The *Doutor* (doctor) degree is only awarded by university institutions. The *Doutor* degree is awarded to candidates who have completed all the relevant electives, if applicable, and have successfully defended their doctoral dissertation.

## **ACCESS CONDITIONS**

### **National scheme for application to higher education**

National and foreign students wishing to apply to a first-cycle degree through the national access scheme must fulfil the following conditions:

- Holding a high school diploma or a national or foreign legally equivalent qualification;
- Having sat for the entrance examinations required for the degree programme to which the student is applying and get the minimal mark required (There are higher education institutions that accept foreign tests or exams);
- Having fulfilled the prerequisites for the higher education course to which the student is applying, if required.

### **Special application schemes**

Besides the national application scheme (*regime geral*), there are special conditions for top level athletes, Portuguese citizens on an official mission abroad, national or foreign staff in diplomatic mission, military officers and scholarship holders within the framework of cooperation agreements signed by the Portuguese government.

### **Special calls for application**

Besides the *regime geral* and the special application schemes there are also special calls for application for candidates with specific qualifications which allow new audiences to access higher education in a perspective of lifelong learning, including:

- applicants over 23 years old who have passed a special exam for assessing their capacity to access higher education;
- holders of a specialised technological course.

Access to higher education institutions is subject to admission quotas.

The following individuals are eligible to apply for entry to the course of study leading to the *mestre* degree:

- Holders of the *licenciado* degree or legally equivalent qualification;
- Holders of a foreign academic degree awarded on completion of a first degree course organised according to the principles of the Bologna Process by a subscribing State;
- Holders of an academic, scientific or professional *curriculum vitae* that is recognised as attesting the capacity to carry out this course of study by the statutorily competent scientific body of the higher education institution to which they are applying.

The following individuals are eligible to apply for entry to the course of study leading to the *doutor* degree:

- Holders of the *mestre* (master) degree or legally equivalent qualification;
- Holders of a *licenciado* degree who have a particularly relevant academic or scientific *curriculum vitae* that is recognised as attesting the capacity to carry out this course of study by the statutorily competent scientific body of the higher education institution to which they are applying.
- Holders of an academic, scientific or professional *curriculum vitae* that is recognised as attesting the capacity to carry out this course of study by the statutorily competent scientific body of the higher education institution to which they are applying.

## **GRADING SYSTEM**

The degrees of *licenciado* and *mestre* are awarded a final grade between 10 and 20 on a 0-20 scale, as well as its equivalent in the ECTS grading scale.

The academic degree of *doutor* is awarded a final grade pursuant to the regulations approved by the awarding university.





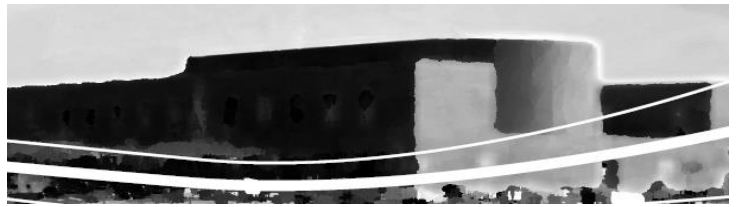
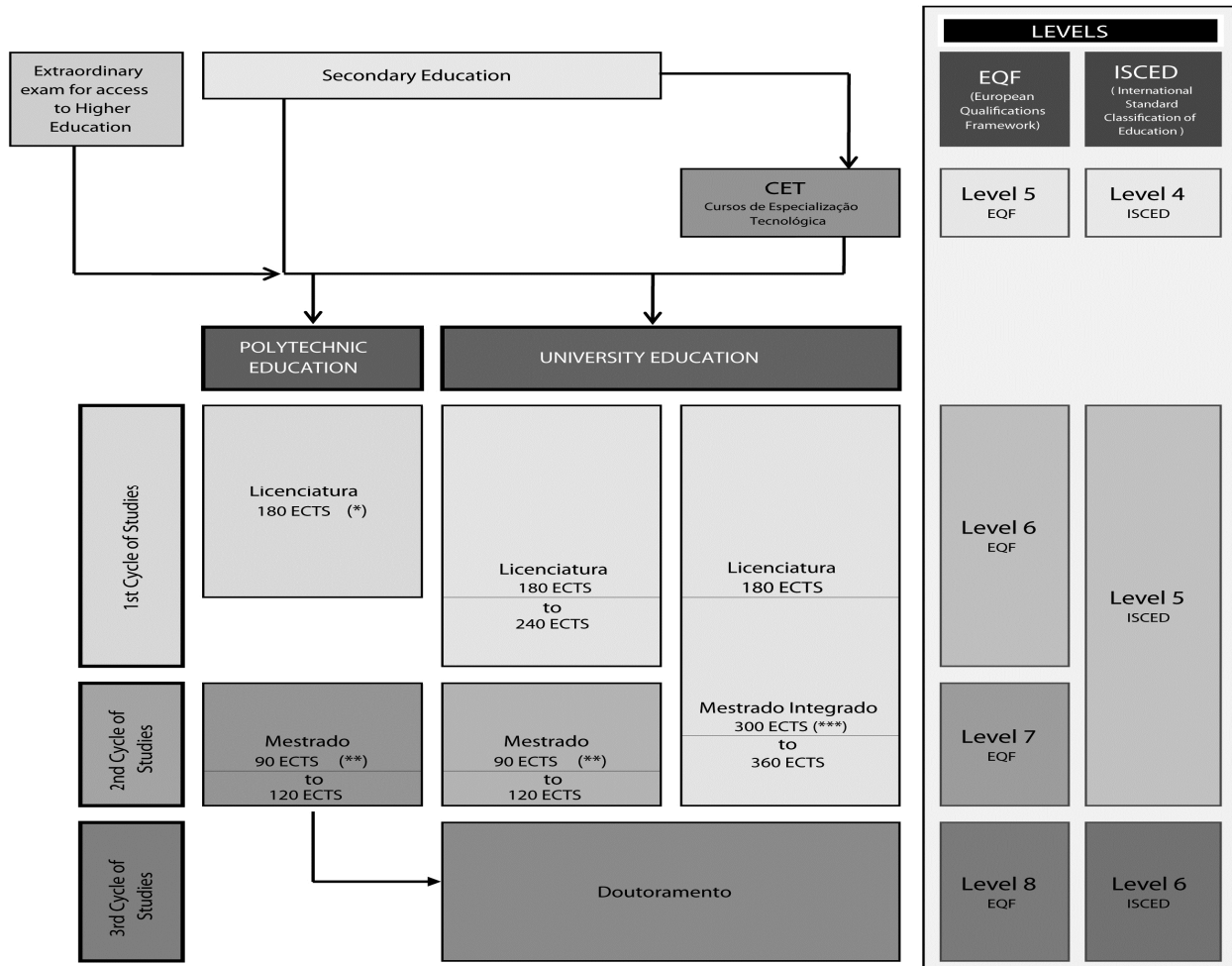


Diagram of the Portuguese Higher Education System according to Bologna



(\*) Except for cases where training amounting to between 210 and 240 credits is a prerequisite to access a certain professional activity.

(\*\*) Exceptionally and without prejudice to the fulfilment of all degree prerequisites and outcomes, the course of study leading to the *Mestre* degree in a given specialist field may amount to 60 credits following a sound practical training at international level in that field.

(\*\*\*) A *Mestre* degree may also be granted following an integrated course of study whose duration for the purposes of obtaining access to a professional activity: a) is established by European Union regulations and b) results from sound practical training within the European Union; in such cases a Licenciado degree is granted to students having obtained 180 ECTS (3 years, 6 semesters).

