

# **Postgraduate Studies in Sustainable Architecture Regulations**

## **Article 1**

### **Degree**

The Escola Superior Artística do Porto is the responsible institution for the Postgraduate Studies in Sustainable Architecture.

## **Article 2**

### **Course objectives**

1. Acquire a conceptual basis for an ecological and social approach to architecture and urban planning:
  - a) Raise awareness for the need to change conventional forms of construction and design.
  - b) Learn to recognize ecological urban methods and to create sustainable and liveable cities, integrating social housing and affordable housing based on climate-sensitive urban planning.
  - c) To understand the importance of circular economy strategies, local construction methods, as well as the correct management of water resources and energy efficiency.
  
2. Share knowledge about sustainable, natural, and low-tech construction methodologies.
  
3. Acquire skills to manage and finance a sustainable project from the design stage into its construction.
  
4. Learn how to implement a bottom-up approach by applying participatory design and communication methodologies, providing communities with co-design tools and strategies that allow them to work with social and political actors.
  
5. Learn techniques for engaging the population and local institutions to raise awareness and opportunities for people at risk of social exclusion.

**Article 3**  
**Scientific areas**

The Postgraduate Studies in Sustainable Architecture has the following scientific areas: Construction and Technology, and Urbanism.

**Article 4**  
**Duration of the course**

The Course is organized for a normal duration of 2 semesters.

**Article 5**  
**Rules on Postgraduate Studies admission**

1. Will be admitted to the application process in the Postgraduate Studies in Sustainable Architecture:
  - a) Holders of a bachelor's degree or legal equivalent.
  - b) Holders of a foreign higher academic degree, awarded following a 1st cycle of studies organized in accordance with the Bologna principles by a State adhering to the process.
  - c) Holders of a foreign higher academic degree that is recognized as meeting the objectives of the bachelor's degree by the Scientific Council of ESAP.
  - d) Holders of an academic, scientific, or professional curriculum that is recognized as attesting the capacity to carry out a Postgraduate degree, by the Scientific Council of ESAP.
  - e) Proficiency in the English language, since the postgraduate course is taught in English.
  
2. The application will be made by filling out the appropriate form, completed with a course completion certificate, a copy (compared by the services) of the diploma supplement (when applicable) and a detailed *Curriculum Vitae*. The application documents must be delivered to ESAP's Administrative Services within the deadlines established for this purpose.
  
3. The candidates who meet the academic and curricular conditions expressed in the number 1 of this article, will be selected, and ranked, taking into account the following criteria:
  - a) *Academic curriculum*:
    - Academic Degree classification
    - Academic Degree, preferably in the areas of Architecture, Urbanism, Civil Engineering and others considered appropriate
  - b) *Scientific curriculum*

c) Professional *curriculum*

d) Possible interview as a complementary criterion

#### 4. Densification of the evaluation criteria:

4.1. The Curriculum Assessment (CA) will be made considering the following parameters:

a) Motivation Letter (ML) - considering, on a scale of 0-20 values, the application coherence, the candidate's inherent motivation inherent and its suitability for the program, in the following terms:

- Without relevant motivation: 10 points ----- 11 points
- Motivation not relevant: 12 points ----- 13 points
- Relevant motivation: 14 points ----- 15 points
- Highly relevant motivation: 16 points ----- 18 points
- Exceptionally relevant motivation: 19 points ----- 20 points

b) Academic curriculum (AC) – considering the academic qualifications required in the following terms:

- final grade of Academic Degree or equivalent: 10-13 point ----- 12 points
- final grade of Academic Degree or equivalent: 14-16 points ----- 15 points
- final grade of Academic Degree or equivalent: 17-20 points ----- 18 points

c) Scientific *curriculum* (SC) – weighing on a scale of 0-20 points, the candidate's participation in congresses, seminars, research projects, number of published articles, awards and similar elements, provided that they are activities in the scientific area of the study cycle in question, in the following terms:

- Curriculum with very low relevance ----- 10 points
- Curriculum with low relevance ----- 12 points
- Relevant curriculum ----- 14 points
- Highly relevant curriculum ----- 16 points
- Exceptionally relevant curriculum ----- 18 points

d) Professional *curriculum* (PC) – weighing on a scale of 0-20 points, the duration and nature of the professional functions performed, provided that they are held by an employment contract or in an independent work regime, in the scientific area of the study cycle in question, in the following terms:

- Curriculum with very low relevance ----- 10 points
- Curriculum with low relevance ----- 12 points
- Relevant curriculum ----- 14 points
- Highly relevant curriculum ----- 16 points
- Exceptionally relevant curriculum ----- 18 points

e) In addition to the curricular assessment, a possible individual interview (II) may be carried out whenever the assessment of the academic, scientific, and professional curriculum is not sufficiently distinctive from the ranking of the different candidates, considering for this purpose the following skills and abilities:

- Ability to express and critically reflect
- Motivation to attend the Postgraduate studies

f) The classification of each candidate will result from the arithmetic mean of the scores assigned on a scale of 0 to 20 points for each of the two appreciation factors I) and II).

4.2. The final classification will be scored by applying the following formula, on a scale from 0 to 20 points:  $CA = (ML+AC*X+SC+CP) /4$ . Sendo que:

CA = Curriculum Assessment

ML = Motivation Letter

AC = Academic *curriculum*

SC = Scientific *curriculum*

PC = Professional *curriculum*

The weighting factor X takes one of the following values:

X = 1.3 for candidates with a degree in the areas of Architecture, Urbanism, Civil Engineering

X = 1.0 for candidates with a degree in other areas considered suitable

4.3. If it turns necessary to conduct an individual interview (II), the final classification formula is adapted, in the following terms:  $FS = (AA+II)/2$ , where:

FS = Final score

CA = Curriculum Assessment (Motivation Letter + Academic *curriculum* + Scientific + Professional)

II = Individual interview

4.4. The scores resulting from the calculation of the averages will be expressed up to the hundredths, by rounding, in each selection method and also in the final classification, by defect or by excess, depending on whether the value of the thousandths is less than or greater than or equal to five.

5. The applications will be analyzed by a committee of experts, appointed by the Scientific Council for this purpose.

The decisions of this committee will be recorded in the minutes and there will be no appeal.

6. The number of vacancies and deadlines for applying to the Postgraduate Studies will be set annually by order of the Academic Director subject to ratification by the Scientific Council of ESAP and by the Board of Directors of CESAP.

## **Article 6**

### **Operating Conditions**

1. The Escola Superior Artística do Porto ensures the necessary conditions for the functioning of the Postgraduate Studies in Sustainable Architecture, namely:

a) A unique educational, scientific and cultural project, suited to the objectives set in the Postgraduate Studies;

- b) Its own faculty, adequate in number and constituted, in its majority, by holders of a PhD degree or specialists with recognized experience and professional competence in the scientific areas that are part of the Postgraduate Studies;
- c) Development of recognized activity of training and research or development of a high-level professional nature, in the scientific areas that are part of this study cycle;
- d) The human and material resources essential to guarantee the level and quality of training, including teaching spaces, equipment, and an adequate library.

2. The postgraduate degree in Sustainable Architecture is carried out in a b-learning regime.

### **Article 7**

#### **Curriculum structure, syllabus, and credits**

- 1) The course is organized according to the European Credit Transfer System (ECTS).
- 2) The total number of credits required to obtain the Postgraduate degree is 60 credits.
- 3) The scientific areas and credits that must be achieved to obtain the diploma are those shown in the tables below:

**Table 1 – NUMBER OF ECTS CREDITS TO BE OBTAINED BY SCIENTIFIC AREA**

SCIENTIFIC AREA	INITIALS	CREDITS	
		MANDATORY	OPTIONAL
<b>Construction and technology</b>	CET	45	-
<b>Urbanism</b>	URB	15	-
<b>TOTAL</b>		<b>60</b>	-

## CURRICULAR STRUCTURE

Table 2 – 1<sup>st</sup> SEMESTER

CURRICULAR UNITS	SCIENTIFIC AREA	TYPE	WORKING TIME (HOURS)		ECTS CREDITS	OBSERVATIONS
			TOTAL	CONTACT		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Vernacular Construction	CET	S	75	T: 10 PL: 5	3	
Sustainable Construction I	CET	S	75	T: 10 PL: 5	3	
Natural Building I	CET	S	75	T: 10 PL: 5	3	
Laboratory I	CET	S	300	PL: 60	12	
Participatory Design and Communication	URB	S	75	T: 5 PL: 10	3	
Echological Urban Development I	URB	S	75	T: 5 PL: 10	3	
Social Cities I	URB	S	75	T: 5 PL: 10	3	

Table 3 – 2<sup>nd</sup> SEMESTER

CURRICULAR UNITS	SCIENTIFIC AREA	TYPE	WORKING TIME (HOURS)		ECTS CREDITS	OBSERVATIONS
			TOTAL	CONTACT		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Sustainable Projects	CET	S	75	T: 15	3	
Sustainable Construction II	CET	S	75	T: 10 PL: 5	3	
Natural Building II	CET	S	75	T: 10 PL: 5	3	
Laboratory II	CET	S	375	PL: 75	15	
Echological Urban Development II	URB	S	75	T: 5 PL: 10	3	
Social Cities II	URB	S	75	T: 5 PL: 10	3	

## **Article 8**

### **Precedence and knowledge assessment regimes**

1. To attend the Postgraduate Studies curricular units no mandatory precedence is required. However, students can be advised, by the teachers of each curricular unit, about the prior knowledge considered convenient to successfully carry them out.

## **Article 9**

### **Precedence regime and right to enrol prescription**

1. No precedence in the Post-Graduate Studies in Sustainable Architecture is foreseen.
2. There is no statute of limitations on the right to enroll in Postgraduate Studies in Sustainable Architecture.

## **Article 10**

### **Final grade assignment process**

1. The Postgraduate Diploma is awarded with a final grade ranging from 10-20 on a full numerical scale of 0 to 20, as well as its equivalent on the European scale of grades comparability.
2. The final grade of the Postgraduate Diploma is the average, per credit, of the grades obtained in the curricular units on which the student completed the necessary 60 credits of the Postgraduation studies.

## **Article 11**

### **Deadlines for issuing the Postgraduate Diploma and its certificates and the diploma supplement**

1. The issue of the final certificate of the course will be made within 30 days after its request.
2. The issue of the Postgraduate Diploma and the diploma supplement will be made within 90 days after its request, which can be made from a period of one week after the successful conclusion of the Postgraduate Studies.

## **Article 12**

### **Follow-up process by the Pedagogical and Scientific Councils**

The follow-up process of the Postgraduate Studies is the responsibility of the Scientific Council, having consulted the Pedagogical Council within the scope of its respective competences.



### **Article 13**

#### ***Numerus clausus***

1. The Enrolment and inscription in the Postgraduate Studies in Sustainable Architecture are subject to quantitative limitations, to be set annually by order of the Academic Director, subject to ratification by the Scientific Council of ESAP and by the Board of Directors of CESAP.
2. The order referred to in paragraph 1 must be announced, before the beginning of the application period.

### **Article 14**

#### **Tuition fees**

The amount of the tuition fees and respective payment regime will be set annually by the Board of Directors of CESAP within the scope of its own competences.

### **Article 15**

#### **Financing**

The Postgraduate Studies in Sustainable Architecture is financed through the respective tuition fees and other funds allocated by ESAP from the CESAP Budget. Postgraduation income is also made up of amounts collected from contributions or donations from public and private institutions destined to its financing.

### **Article 16**

#### **Missing cases**

Missing cases from this regulation will be decided by the Scientific Council or whoever it determines.