

Internship/Project/Dissertation

Academic Year:

2018/2019

Course	Master's degree in Conservation and Rehabilitation										
Scientific Area	Conservation and Rehabilitation										
ECTS Credits	30	Curriculum Unit code	EPD	Year	2	Semester	1	Type	Compulsory		
Prerequisites											
Contact Hours:											
Lecture Sessions	<input type="text"/>	Lecture-Practical Sessions	<input type="text"/>	Practical and Laboratory Sessions	<input type="text"/>	Tutorial	<input type="text"/>	Placement	<input type="text"/>	Seminar	<input type="text"/>
Fieldwork	<input type="text"/>	Other	<input type="text"/>	Autonomous Study	810						
Responsible	Maria Eugénia de Jesus Santos			Position	Adjunct Professor						
Lecturers	They will intervene in the CU, through the orientation or co-advisor of works, teachers assigned to the thematic areas chosen by the students. All the work will have a supervisor or co-advisor with a PhD degree or Specialist professor of ESTBarreiro / IPS.			Position	<input type="text"/>						
Learning Outcomes	<p>In the curricular unit Internship / Project / Dissertation, the student may choose to develop a professional internship stage, a research project or a conventional scientific dissertation. For any of these possibilities, the student shall submit an original dissertation, specifically developed for this CU. The objectives of this course are:</p> <ul style="list-style-type: none"> - Development of skills related to research methods/methodologies in the areas of conservation, rehabilitation and, with particular emphasis, those related to buildings energy efficiency; - Ability to integrate knowledge, handle complex issues, develop solutions and make judgments in situations of limited or incomplete information, including reflections on the implications and ethical and social responsibilities that result from those solutions and those judgments; - Be able to communicate their findings, knowledge and reasoning underlying them, in a clear and unambiguous way. 										
Syllabus	<p>The program is set according to the supervisor and type of theme to be developed, in the chosen field of specialization. The theme of the work to develop and, consequently, the program carried out by the student is chosen from among the proposals of the Faculty of ESTBarreiro/IPS. The student shall prepare a proposal plan of the thesis, in association with the Supervisor, where the objectives, tasks and work plan for the semester are defined. This program must be approved by the Scientific-Technical Council, after consultation with the Master Scientific Committee.</p>										
Teaching Methodologies	<p>This course will take place during the last academic year, 1st semester, with 30 ECTS credits. During the semester, after choosing the theme and submitting the work plan, the student will develop the work of Internship / project / dissertation, under the guidance of the supervisors team focusing on completing the dissertation and its presentation in open session. The result of the work done by each student is presented as a draft version of the dissertation that will be publicly evaluated before a jury. The final grade is calculated by the arithmetic mean of the ratings of the various elements of the jury.</p>										
Evaluation	<p>The result of the work done by each student is presented as a draft version of the dissertation that will be publicly evaluated before a jury. The final grade is calculated by the arithmetic mean of the ratings of the various elements of the jury.</p>										

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Evidence of the syllabus coherence with the curricular unit's intended learning outcomes

The course contents are designed to complete the formation in the specialization field. During the semester the students are followed by there respective Supervisors, team who oversees the progress and guides the student in order to achieve the objectives set.

With the development of the dissertation, the student must conduct research, developing skills and professional knowledge, where innovation is encouraged. The preparation of the final document implies the interconnection of the various knowledge's, solutions development and presentation of relevant reflections, with summary of findings.

Evidence of the teaching methodologies coherence with the curricular unit's intended learning

At the beginning of the semester, the student should prepare a dissertation plan proposal, together with the supervisor after having chosen the theme from the list proposed. The dissertation will be supervised or co-supervised by a doctor or specialist. The orientation team must include a faculty member of ESTBarreiro/IPS, with possible participation of personalities of recognized merit by the Masters Scientific Committee. The Scientific-Technical Council of ESTBarreiro/IPS, shall appoint a jury for public discussion. The final classification is obtained by the joint assessment of the following items: quality and accuracy of the documents, written and oral presentation, technical and scientific approach to the topic being studied and security in the Master's exposition and argumentation to questions from the jury. During the development of the dissertation, it is intended that students perform the following tasks:- Literature research.-Development of the work program set (which, for example, may include laboratory testing, numerical modeling and / or field testing).-Analysis and discussion of the results. Reflection on them and make suggestions to continue and / or complement the work.- Preparation of written material, with encouragement of the publication of scientific papers. This curricular unit completes the academic course of study, intending for future professionals to be able to solve challenges and problems in a structured, rigorous and address problems in a multidisciplinary related to the conservation, rehabilitation and energy efficiency of buildings, framing them in the respective technical contexts and scientific, economic, social and environmental. It should also be noted that the course Internship / Project / Dissertation has a particular character compared with the other UC's in this course, since the discussion and public examination is mandatory to measure academic end in terms of completion of the course units of the cycle studies.

Bibliography

To be defined in accordance with the theme.

Observations