



## DOCTORATE PROGRAMME IN APPLIED ENGINEERING

### COMPULSORY TRAINING FOR THE DOCTORATE PROGRAMME

<b>Course Title</b>	<b>Methodological Guidelines for the Preparation of a Doctoral Thesis</b>
Language	Spanish
Duration / Hours	3 ECTS (75 h)
Type of Activity	Tutoring: Student's practical work and self-study
Contenido	<ul style="list-style-type: none"><li>- Preliminary considerations on the process of preparing a doctoral thesis</li><li>- Definition and identification of the problem</li><li>- Research hypotheses</li><li>- Source search and citation</li><li>- Research styles</li><li>- Preparation of the research project</li><li>- Components of a doctoral thesis: formal aspects, internal elements, and quality indicators</li><li>- Guidelines for the thesis defense</li></ul>
Learning Outcomes	<ul style="list-style-type: none"><li>- Defines and determines the state of the art</li><li>- Identifies research hypotheses and applies the most suitable research style for the problem</li><li>- Searches, analyzes, and selects bibliographic sources using the most relevant databases and portals in the field of engineering, as well as electronic alert services and abstract databases</li><li>- Writes scientific and technical texts on topics covered in the master's program or research projects, using scientific and technical word processors</li><li>- Presents and explains, both orally and in writing, high-level scientific topics, arguing the research hypotheses, methodology used, and conclusions drawn</li></ul>
Evaluation	Evaluation will be in terms of Pass/Fail
Placement within Doctoral Program	Semester 1 of the 1st year (for both full-time and part-time students)