



**COMILLAS**

UNIVERSIDAD PONTIFICIA

ICAI

ICADE

CIHS

## TECHNICAL SHEET OF THE TRAINING ACTIVITY

<b>Basic data of the Training Activity</b>	
<b>Title</b>	<b>Advanced optimization modelling for applied research</b>
<b>Character</b>	<b>Transversal</b>
<b>Type</b>	<b>Elective</b>
<b>Duration</b>	<b>10 hours</b>
<b>Scheduling</b>	<b>Semester 2</b>
<b>Contents</b>	<b>Programming Style GAMS/Pyomo Code Mathematical Formulation Advanced Algorithms</b>
<b>Learning Outcomes</b>	<b>Ability to use the GAMS/Pyomo algebraic modelling language in the development of advanced optimization models.</b>
<b>Language</b>	<b>English</b>

### **Monitoring procedure**

Control of attendance by the professor and oral report on the practical repercussions.

### **Mobility actions**

Not applicable.