

COURSE DATA SHEET

Academic year 2023-2024

Course title ¹	Research and Practice (sem.1)					Course code		MLRC.PA.105	
Course type ²	DI	Category ³	DS	Year of study	1	Term	1	Credit points	7

Faculty	Automatic Control and Computer Engineering	Number of hours per term ⁴						
Major	Systems engineering	Total	C	S	L	P	PA	SI
Specialization	Systems and Control	175	0	0	0	0	168	7

Prerequisite courses ⁵	Required	-
	Recommended	-

Course objective ⁶	To develop research skills and prepare the student for a career in research and development in the fields of Machine Learning, Robotics and Control.
Specific objectives ⁷	- Acquire new knowledge and understanding of the subject, study of related work previously published in journals and conference papers - Develop skills to use specialized hardware and software tools and techniques related to the systems and control field - Model and simulate the behaviour of systems, conduct experiments and make preliminary tests - Write scientific report.
Content ⁸	- Specific to the subject of the master's thesis

Assessment			Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
Final assessment form ¹¹	Interim activity	A/R		A/R
	Presentation of the scientific report	A/R		
	Other activities	%		
A. VP				

Project activities instructor	Master's thesis coordinator	
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¹ See program curriculum

² DA – deepening course, DS – specialization course (see program curriculum)

³ DI – required, DO – optional – see program curriculum

⁴ Sections 3.8, 3.5, 3.6a,b,c, 3.7 in the Extended Course Data Sheet

⁵ According to section 4.1 – Prerequisite courses in the Extended Course Data Sheet

⁶ According to section 7.1 in the Extended Course Data Sheet

⁷ According to section 7.2 in the Extended Course Data Sheet

⁸ Keywords and main descriptors of the course detailed in section 8 of the Extended Course Data Sheet

⁹ For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 13 or 14, for final assessment-exam: exam period

¹⁰ A minimum grade might be imposed for some assessment stages

¹¹ Exam or Colloquium