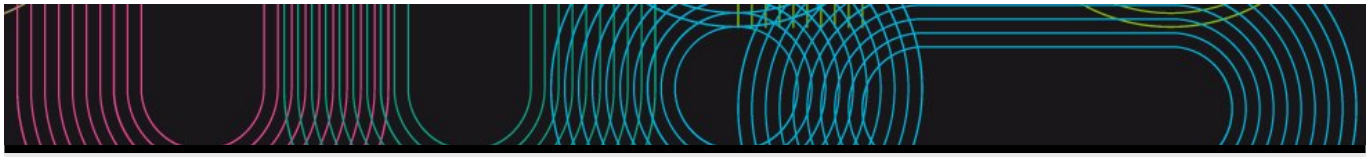

IDENTIFYING DATA				
Quantum Communications Laboratory				
Subject	Quantum Communications Laboratory			
Code	V05M198V01213			
Study programme	(*)Máster Universitario en Ciencia e tecnoloxías de información cuántica			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	3	Optional	1st	2nd
Teaching language				
Department				
Coordinator				
Lecturers				
E-mail				
Web				
General description				

Training and Learning Results	
Code	
A2	Know and acquire competence in experimental techniques for the processing of quantum information: interactions, measurements, oscillations, interference, communication systems, ...
A6	Know and understand the nature of the physical platforms for the processing of quantum information in photonic systems: quantum optics, integrated optical systems, opto-atomic systems, detection and measurement systems, semiconductor photonics.
B1	To nnow the theoretical foundations of quantum mechanics, the mathematical formalism, the axioms and simpler systems.
B2	To acquire knowledge about quantum systems with many degrees of freedom as a means of storing and processing information.
C1	To analyze and break down a complex concept, examine each part and see how they fit together
C2	To classify and identify types or groups, showing how each category is different from the others
C3	To compare and contrast and point out similarities and differences between two or more topics or concepts

Expected results from this subject	
Expected results from this subject	Training and Learning Results

New	A2 A6 B18 B1 B2 B18 B18 C1 C2 C3 C18 D18 D18 D18 D18 D18 D18 D18 D18 D18 D18 D18 D18 D18

Contents

Topic

Planning

	Class hours	Hours outside the classroom	Total hours

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description

Personalized assistance

Assessment

Description	Qualification	Training and Learning Results

Other comments on the Evaluation

Sources of information

Basic Bibliography

Complementary Bibliography

Recommendations