

Module Layout COS621 / Experimental Psychology

Faculty	ΣΓΕΕ	Faculty of Pure and Applied Science	
Programme of Study	COS	M.Sc. in Cognitive Systems	
Module	COS621	Experimental Psychology	
Level of Study	Undergraduate		Graduate
		Master	Doctoral
		X	
Language of Instruction	English		
Mode of Delivery	Distance		
Module Type	Required		Electives
			X
Number of Group Consulting Meetings	Total	Physical Presence	Online
	12 + 1 revision	-	12 + 1 revision
Number of Assignments	1 Assignment / Project and 12 Interactive Activities		
Final Grade Calculation	Interactive Activities	Assignment / Project	Final Exam
	24 %	26 %	50 %
Number of European Credit Transfer System (ECTS)	10		

Module Description

The module aims to develop students' knowledge and understanding of research design in experimental psychology. This course will provide students with theoretical knowledge and practical skills for designing experiments for behavioral research. The course will start by providing an in-depth analysis of experimental methodology and design. It will then proceed to provide students, by means of assignments, with hands-on experience in designing experiments, collecting data from human participants, analyzing and reporting the data, and interpreting statistical results. Through this course, students are expected to acquire all the necessary knowledge on how to investigate scientifically research questions of interest. Finally, students will develop the ability to analyze primary data, establish whether the data is statistically significant using appropriate tests, and communicate their findings in the form of scientific lab reports.

Pre-requisite Modules

Co-requisite Modules

Grading Scheme

Assessment Method	Percentage on Final Grade	Workload	
		Hours	ECTS
Interactive Activities	24 %	25-30	1
Assignment / Project	26 %	50-50	2
Final/Repeat Examination	50 %	3	-
Total	100%	Total	Total

Grading Rules and Assessment methods

- Passing rate
 - 50% of the Interactive Activities
 - 50% of the Assignment / Project
 - Students are allowed to participate in the final exam of a Module if they have overall earned the minimum grade ($\geq 50\%$) in both their Assignment / Project and Interactive Activities
 - 50% of the Final Exam

If a student earns a grade with decimal points, then it is rounded to the nearest half unit.