Syllabus

Course Description

Course Title	Research Methods & Ethics
Course Code	95215
Course Title Additional	
Scientific-Disciplinary Sector	NN
Language	English
Degree Course	PhD Programme in Experimental Research through Design, Art and Technologies
Other Degree Courses (Loaned)	
Lecturers	Prof. Antonella De Angeli, Antonella.DeAngeli@unibz.it https://www.unibz.it/en/faculties/engineering/academic-staff/person/30670
Teaching Assistant	
Semester	First semester
Course Year/s	1
CP	4
Teaching Hours	20
Lab Hours	0
Individual Study Hours	80
Planned Office Hours	12
Contents Summary	This course provides an introduction to interdisciplinary research. It grounds on Human-Computer Interaction as the most successful academic field bringing together research on design, arts and technologies. The objective is to highlight the importance and the complexities of interdisciplinary research providing students with solid foundations to build their research and study plan.
Course Topics	- Intra- Inter- and transdisciplinary research - Epistemologies and Theories - Research Questions

	- Methods: qualitative and quantitative research - Research Ethics
Keywords	Interdisciplinary research, Intra-, inter-, and transdisciplinary research, Human-Computer Interaction (HCI), Design, Arts, Research questions, Qualitative research, Quantitative research, Research ethics
Recommended Prerequisites	
Propaedeutic Courses	
Teaching Format	Frontal lectures, interactive workshops, project-based learning, students presentations and peer review. Students are expected to participate actively by providing examples from their research topics, including theories and data
Mandatory Attendance	yes
Specific Educational Objectives and Learning Outcomes	Students will acquire skills in the following areas: Knowledge and skills in theory and methodology, and in the acquisition of methods, tools and practices; Knowledge of the ethical aspects of academic research.enterprises.
Specific Educational Objectives and Learning Outcomes (additional info.)	
Assessment	The students will write a 4-page proposal in preparation of their RSP. It includes the analysis of three related works, preliminary RQs and methods to answer them, alongside a Gant-chart.
Evaluation Criteria	The students will write a 4-page proposal in preparation of their RSP. It includes the analysis of three related works, preliminary RQs and methods to answer them, alongside a Gant-chart.
Required Readings	Before attending the course, the students must have read the book “Interaction Design: Beyond Human-Computer Interaction” by Yvonne Rogers, Helen Sharp, Jennifer Preece, Wiley 6th Edition.
Supplementary Readings	Supplementary reading will be selected by the students during the course according to their research interest. Supplementary reading must be selected in agreement with the advisor.
Further Information	

Sustainable Development Goals (SDGs)	Quality education