

# Syllabus

## *Descrizione corso*

<b>Titolo insegnamento</b>	Research Methods & Ethics
<b>Codice insegnamento</b>	95215
<b>Titolo aggiuntivo</b>	
<b>Settore Scientifico-Disciplinare</b>	NN
<b>Lingua</b>	Inglese
<b>Corso di Studio</b>	Corso di Dottorato di ricerca in Experimental Research through Design, Art and Technologies
<b>Altri Corsi di Studio (mutuati)</b>	
<b>Docenti</b>	prof. Antonella De Angeli, Antonella.DeAngeli@unibz.it <a href="https://www.unibz.it/en/faculties/engineering/academic-staff/person/30670">https://www.unibz.it/en/faculties/engineering/academic-staff/person/30670</a>
<b>Assistente</b>	
<b>Semestre</b>	Primo semestre
<b>Anno/i di corso</b>	1
<b>CFU</b>	4
<b>Ore didattica frontale</b>	20
<b>Ore di laboratorio</b>	0
<b>Ore di studio individuale</b>	80
<b>Ore di ricevimento previste</b>	
<b>Sintesi contenuti</b>	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.
<b>Argomenti dell'insegnamento</b>	- Intra- Inter- and transdisciplinary research - Epistemologies and Theories

	<ul style="list-style-type: none"> <li>- Research Questions</li> <li>- Methods: qualitative and quantitative research</li> <li>- Research Ethics</li> </ul>
<b>Parole chiave</b>	Interdisciplinary research, Intra-, inter-, and transdisciplinary research, Human-Computer Interaction (HCI), Design, Arts, Research questions, Qualitative research, Quantitative research, Research ethics
<b>Prerequisiti</b>	
<b>Insegnamenti propedeutici</b>	
<b>Modalità di insegnamento</b>	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
<b>Obbligo di frequenza</b>	yes
<b>Obiettivi formativi specifici e risultati di apprendimento attesi</b>	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.
<b>Obiettivi formativi specifici e risultati di apprendimento attesi (ulteriori info.)</b>	
<b>Modalità di esame</b>	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.
<b>Criteri di valutazione</b>	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.
<b>Bibliografia obbligatoria</b>	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.
<b>Bibliografia facoltativa</b>	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.

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<b>Altre informazioni</b>	
<b>Obiettivi di Sviluppo Sostenibile (SDGs)</b>	Istruzione di qualità