

Syllabus

Kursbeschreibung

Titel der Lehrveranstaltung	Research Methods & Ethics
Code der Lehrveranstaltung	95215
Zusätzlicher Titel der Lehrveranstaltung	
Wissenschaftlich-disziplinärer Bereich	NN
Sprache	Englisch
Studiengang	Doktoratsstudium in Experimental Research through Design, Art and Technologies
Andere Studiengänge (gem. Lehrveranstaltung)	
Dozenten/Dozentinnen	Prof. Antonella De Angeli, Antonella.DeAngeli@unibz.it https://www.unibz.it/en/faculties/engineering/academic-staff/person/30670
Wissensch. Mitarbeiter/Mitarbeiterin	
Semester	Erstes Semester
Studienjahr/e	1
KP	4
Vorlesungsstunden	20
Laboratoriumsstunden	0
Stunden für individuelles Studium	80
Vorgesehene Sprechzeiten	12
Inhaltsangabe	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.

Themen der Lehrveranstaltung	- Intra- Inter- and transdisciplinary research - Epistemologies and Theories - Research Questions - Methods: qualitative and quantitative research - Research Ethics
Stichwörter	Interdisciplinary research, Intra-, inter-, and transdisciplinary research, Human-Computer Interaction (HCI), Design, Arts, Research questions, Qualitative research, Quantitative research, Research ethics
Empfohlene Voraussetzungen	
Propädeutische Lehrveranstaltungen	
Unterrichtsform	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
Anwesenheitspflicht	yes
Spezifische Bildungsziele und erwartete Lernergebnisse	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.
Spezifisches Bildungsziel und erwartete Lernergebnisse (zusätzliche Informationen)	
Art der Prüfung	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.
Bewertungskriterien	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.
Pflichtliteratur	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.

Weiterführende Literatur	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.
Weitere Informationen	
Ziele für nachhaltige Entwicklung (SDGs)	Hochwertige Bildung