

Syllabus

Descrizione corso

Titolo insegnamento	Interaction and Communication Design
Codice insegnamento	97130
Titolo aggiuntivo	
Settore Scientifico-Disciplinare	INFO-01/A
Lingua	Inglese
Corso di Studio	Corso di laurea in Design e Arti - Curriculum in Design
Altri Corsi di Studio (mutuati)	
Docenti	dr. Giovanna Nichilò, Giovanna.Nichilo@unibz.it https://www.unibz.it/en/faculties/design-art/academic-staff/person/54284
Assistente	
Semestre	Primo semestre
Anno/i di corso	2nd and 3rd
CFU	6
Ore didattica frontale	60
Ore di laboratorio	0
Ore di studio individuale	90
Ore di ricevimento previste	18
Sintesi contenuti	The course introduces students to the basic principles of interaction, user experience, accessibility and interface design in the digital communication field mainly applied to online communication artifacts.
Argomenti dell'insegnamento	The course introduces students to the basic principles of Information Architecture (IA), Interaction Design (IxD), User Experience (UX), Accessibility (Ax), and Interface Design (UI) in the field of digital communication, according to a life-centred approach and addressing interaction as a relationship between

	bodies, gestures, objects, surfaces, spaces, data, interfaces, and contexts. Throughout the course, students are challenged to work on the core idea of the project from a conceptual, metaphorical, and media-language perspective, in order to transform information into communication, and communication into experience. Students are encouraged to consider the behaviours, needs, fears, motivations, expectations, and emotions of the people with or for whom they are designing, using personas and user scenarios as design tools to orient project choices. Students are then invited to translate the concept and communication metaphor into a physical-digital communication system and an interactive prototype, developed on the basis of a brief and target users provided, that can be experienced, navigated, and tested.
Parole chiave	Communication design, Interaction design, experience design, interface design.
Prerequisiti	The course is aimed at students with a basic knowledge of visual design. For this reason, it is recommended that students have completed at least one Visual Design Project before attending the course, and have basic knowledge of the main design software, such as Adobe Creative Cloud, Affinity, or similar. Although references, and basic guidance on specific tools may be provided during the course, students are expected to acquire and develop the necessary software skills autonomously and proactively. This applies in particular to prototyping and interface design tools such as Figma, Sketch, or similar.
Insegnamenti propedeutici	None
Modalità di insegnamento	Lectures, readings, individual and team exercises, workshops, reviews, prototype testing, and the project. The results of the exercises and the group project will be part of the oral discussion and final evaluation, along with the topics and content covered during the course and the mandatory readings. The course combines theoretical inputs with design-based activities. Students will be asked to analyse references and case studies, develop physical and digital touchpoints, work on wireframes and prototypes, and progressively refine their project through feedback and iteration.
Obbligo di frequenza	Not compulsory but strongly recommended

Obiettivi formativi specifici e risultati di apprendimento attesi	Knowledge and understanding - have acquired the basic knowledge necessary to realise a project in the field of Artistic production; - have acquired the basic knowledge necessary for further Master's studies in all components of project culture as well as in technical subjects, with a particular attention to the field of Artistic production. Applying knowledge and understanding - use the basic knowledge acquired in the technical fields to realise a mature project; - make use of the skills acquired during the course of study in the event of continuing studies in a Master's degree programme and to develop them further. Transversal competence and soft skills Making judgements - Be able to make independent judgements for the purpose of developing their own design skills and in relation to all those decisions that are necessary to bring a project of Artistic production to completion. Communication skills - present an independently realised project in the field of Artistic production in the form of an installation, orally as well as in writing in a professional manner. Learning skills - have learned a work methodology at a professional level - in the sense of being able to identify, develop and realise solutions to complex problems by applying the acquired knowledge in the different fields, with a particular attention to the field of Artistic production - in order to start a professional activity and/or continue their studies with a master's degree programme; - have developed a creative attitude and learned how to enhance it and develop it according to their own inclinations; - have acquired basic knowledge in the field of Artistic production as well as a study methodology suitable for continuing studies with a Master's degree programme.
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Obiettivi formativi specifici e risultati di apprendimento attesi (ulteriori info.)	Acquisition of basic concepts of information architecture (IA) and interaction design (IxD) within digital communication ecosystems, with particular attention to the organisation of content, navigation systems, interaction flows and the relationship between physical and digital touchpoints. Understanding the main aspects of user experience (UX), Accessibility (Ax) and Interface Design (UI) according to a life-centred approach, considering interaction as a relationship between people, bodies, gestures, objects, surfaces, spaces, data and interfaces. Acquisition of basic principles of usability and ergonomics applied to physical-digital interaction, including legibility, orientation, cognitive load, affordance, feedback, comfort of use, accessibility and inclusion. Development of the ability to translate a communication concept into a simple responsive web prototype, designed for desktop and mobile, and connected to a physical touchpoint.
Modalità di esame	Regarding the exam date, each student must upload detailed documentation of the work carried out during the course to the official platform indicated by the teaching staff. This documentation is an essential part of the exam and must include visual materials alongside a project abstract, the documentation of the physical touchpoint, and a link to the interactive responsive prototype. During the final exam, students will discuss the activities and content developed during the semester, as well as the mandatory bibliography, both individually and in groups. The exam involves giving a critical presentation on the project carried out during the semester, accompanied by an oral discussion of the course activities, lecture topics and required bibliography. The documentation, including exercises and workshops, the project booklet, the physical touchpoint documentation, and a link to the interactive prototype for desktop and mobile, must be submitted one week before the exam date. ALL THE STUDENTS ATTENDING THE EXAM AS "OPT" OR AS NON-ATTENDING STUDENTS MUST AGREE UPON THE CONTENTS WITH THE TEACHER.

Criteri di valutazione	The final evaluation will be based on the progress, growth, and active participation of the students in all exercises, workshops, the final project and the project documentation according to the following criteria: Ability to analyse and conceptualise the project topic in relation to the assigned brief, target users and use cases/scenarios provided by the course lecturer. Ability to use personas, scenarios and user journeys as design tools to orient project choices. Originality, maturity, and quality of the design concept and overall project development. Ability to translate the design idea into a meaningful, engaging and interactive physical-digital experience. Quality, coherence and usability of the physical touchpoint and its connection with the digital prototype. Richness, completeness and accuracy of the responsive web prototype, in both desktop and mobile versions. Quality of the interface design, with particular attention to visual hierarchy, typography, colour, imagery, microcopy, components, accessibility and consistency. Quality of project documentation. Ability, maturity and competence to critically discuss the design choices and solutions adopted, including usability, accessibility, interaction, communication and visual design aspects.
Bibliografia obbligatoria	Schlatter, T. & Levinson, D. (2013). <i>Visual Usability. Principles and Practices for Designing Digital Applications</i> . Morgan Kaufmann.
Bibliografia facoltativa	Additional resources will be shared during the course on the main topics addressed in the lectures. Further references will also be provided according to the specific field of application of the assigned project brief, as well as practical resources and tutorials for the use of prototyping and interface design tools such as Figma or similar software.
Altre informazioni	-
Obiettivi di Sviluppo Sostenibile (SDGs)	Ridurre le disuguaglianze, Istruzione di qualità