**Pre-master Program**

**Academic Year 2022-2023 - Semester 1**

### Background Design

#### Quarter 1
- DPB230: Project Design (Research)
- DZB110: Design management
- DBB100: Creative programming

#### Quarter 2
- DZB110: Data acquisition and visualization
- DDB200: User-centred design

### Background Engineering

#### Quarter 1
- DPB230: Project Design (Research)
- DZB110: Design for debate
- DZB120: Exploratory sketching

#### Quarter 2
- DZB110: Introduction to business design
- DDB200: User-centred design

### Background Social Sciences

#### Quarter 1
- DPB230: Project Design (Research)
- DZB110: Design management
- DBB100: Creative programming

#### Quarter 2
- DZB110: Data acquisition and visualization
- DCB220: Exploratory making

### Background Mixed

#### Quarter 1
- DPB230: Project Design (Research)
- DCB100: From idea to design
- DBB100: Creative programming

#### Quarter 2
- DCB100: Trends and forecasting
- DDB200: User-centred design

### Expertise Areas
- Creativity and Aesthetics
- User and Society
- Business and Entrepreneurship
- Math, Data and Computing
- Technology and Realization