

STUDIO'S PROGRAMME FOR ACADEMIC YEAR 2022/2023

- 1) **Name of the studio:**
INTERDISCIPLINARY DESIGN STUDIO
- 2) **Head of the studio:**
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- 3) **Assistant:**

- 4) **Faculty:**
Architecture and Design
- 5) **Room:**
Room 27a, Building E
- 6) **General form of tuition:**
Lectures, consultations, corrections of given projects, workshops, practical exercises, open air activities
- 7) **General content:**
Realization of cyclic authorial projects in co-operation with external organization generates product solutions which may relate to driving safety, public health, social problems and existing culture differences. The aim of the program is also to introduce to students those project issues which cover conscious visual creation and defining information and identification processes existing in spatial relationships of people with their surroundings.
- 8) **Subjects carried out in the studio:**

Undergraduate courses:

DESIGN – MODULE 1

SYSTEM DESIGN

In the first module students learn the basic rules and ideas behind the process of design, utility and functions. They recognize the proper process of analysis which is the first element of designing. According to the particular project's topic they prepare their own analysis of given issue based on which they will start creating the design concept. Their assignment is completed by saving it in graphic form and presenting it in public in front of the students and the staff of the Design Department.

DESIGN – MODULE 2

SYSTEM DESIGN

In the second module students perform the analysis of the chosen issue and based on it they create the project concept – the idea in which the important part is to cover the variety of different contexts: cultural, social, utilitarian, ecological ones etc. The assignment is completed by saving the performed tasks in graphic form and preparing the concept's spatial model and presenting it in public in front of the students and the staff of the Design Department.

DESIGN – MODULE 3

SYSTEM DESIGN

In the third module students perform the analysis of the chosen issue and prepare the project concept which they later on develop into a specific project addressed to the users, covering the specific needs, requirements and contexts. The assignment is completed by saving the performer tasks in graphic form

and preparing the project's spatial model and presenting it in public in front of the students and the staff of the Design Department.

DESIGN – MODULE 4

SYSTEM DESIGN

In the fourth module, after the analysis of the given project issue and preparing the project concept, students complete the overall project which they create as either a model or a prototype. The assignment is completed with graphic documentation of the project and performing a full model/prototype and then presenting it in public in front of the students and the staff of the Design Department.

BACHELOR DIPLOMA STUDIO

The diploma students work out the topic of their bachelor diploma assignment. Next they present their ideas to the staff of the Design Department who accept the topic and appoint the reviewer. Bachelor's theses carried out in the studio include:

- *Trousers for climbing – personalized mass product,*
- *Parafurniture supporting kids' creativity,*
- *Set for baking bread at home,*
- *Teaching aid developing motor skills in children for institutions operating with the Montessori method,*
- *Adaptive child seat design,*
- *Adaptable equestrian clothing,*
- *A design solution supporting the developmental mechanisms of children with congenital visual impairment,*
- *Functional organization of living space in the context of remote work. Objects supporting distance learning for schoolchildren,*
- *Design of tools supporting the development of fine motor skills in children,*
- *Organizer for tools and sewing utensils,*
- *Transporter for shopping.*

BACHELOR DIPLOMA SEMINAR

Diploma students work out the theoretical part of their bachelor assignment which is directly connected with the practical part performed in the Bachelor Diploma Studio.

DESIGN – SUPPLEMENTAL PROGRAMME / CHOSEN ARTISTIC OR DESIGN STUDIO

Undergraduate students of other fields of studies study the topics covering the design bases which relate to the main stages of the project process, preparing concept and creating the overall project.

Graduate courses:

DESIGN – RESEARCH TOPIC

Researched topics are performed in project teams which consist of the staff of the Design Department and students of the 1st year of the graduate course. In 2019/2020 academic year the following topics are being prepared:

- *JEWELLERY. CONTEXTS* – in co-operation with YES company,
- *FUNCTIONAL MOBILITY OF EQUIPMENT FOR MEDICAL FACILITIES. A system of functional elements supporting the process of physical rehabilitation facilities* – in co-operation with TENTE company and Orthopedics & Rehabilitation Clinical Hospital of Wiktor Dega in Poznań,
- *SAFETY AT HOME – FIRE EXTINGUISHER* – in cooperation with the company OGNIOCHRON and the State Fire Brigade,
- *SafetyLAB 6.0. HIGHWAY. Safety of high-speed road users* – in cooperation with SKODA POLSKA, AUTOSTRADA WIELKOPOLSKA SA and the CITY OF POLICE in Poznań,

- *DISPLAY A * B * C **. Design of a structure that allows displaying, storing, collecting, compiling or configuring elements from the field of currently produced accessories / devices in the field of the so-called "Smart home experience" – in cooperation with KOMPUTRONIK,
- *AGRICULTURAL MACHINERY. From the series: designer needed immediately!* – in cooperation with UNIA.

MASTER DIPLOMA STUDIO

Master diploma students work out the topic of their master assignment. Next they present their ideas in front of the staff of the Design Department who accept the topic and appoints the reviewer. Master's theses carried out in the studio include:

- *Professional vehicle for montage and service of vertical road signage. Conceptual-functional project,*
- *Herbapartner – Symbiotic Tea Set,*
- *Active wheelchair for disabled people,*
- *Healthy transport – improvement of the user's condition - reduction of CO₂ emissions,*
- *Design of facilities supporting the reduction of long-term stress,*
- *Design of aromatherapy support facilities as a form of ritual and emergency aid,*
- *Design of electrical equipment enclosures in the home space. Incorporation of the sense of touch into the reception of everyday life. The context of universal design,*
- *Project of prosthetic supplies for the lower limb supporting water sports,*
- *A device supporting movement and physical development in the pre-carriage phase for children with lower limb paresis.*

MASTER DIPLOMA SEMINAR

Diploma students work out the theoretical part of their master diploma assignment which is directly connected with the practical part performer in Master Diploma Studio.

DESIGN – SUPPLEMENTAL PROGRAMME / CHOSEN ARTISTIC OR DESIGN STUDIO

Graduate students of other fields of studies propose their own ideas for the semester assignments or discuss such based on the proposal recommended by the academic tutor.

9) Prerequisites:

Corresponding to the statements of the course cards in the Studio.

10) Recommended reading list:

- **Basic:**
 - Norman D., *Emotional Design: Why We Love (or Hate) Everyday Things*
 - Papanek V. *Design for the Real World*
 - Slack L., *What is Product Design?*
 - Sudjic D., *The Language of Things*
- **Supplementary:**
 - Bergstrom B. *Essentials of Visual Communication*
 - Eco U. *The Absent Structure*
 - Hall E. *Hidden Dimension*
 - Sudjic D. *B is for Bauhaus. A-Z of the Mod.*

11) Language of instruction:

POLISH, ENGLISH