



Course name	Product Design
Entity running the course	Faculty of Interior Architecture and Design
Entity for which the course has been prepared	Department of Design
Course type	Core / obligatory
Year of study / semester, type of studies	Year I, sem. I, full-time master's degree
ECTS credits	10 pts ECTS
Academic tutor	ac. prof. Włodzimierz Dolatowski, ass. prof. Tomasz Gacek, PhD, ass. tutor Renata Wites
Aim of the course	The aim of this course is to gain a deeper knowledge in the area of product design; to determine and define a design problem from our surroundings; to define a question and choose a suitable design method; to prepare a work plan taking into account the area of research, consultations and implementation possibilities.
Prerequisites	Ability to notice design problems in human surroundings; ability to search for, and use inspiration.
Learning outcomes:	
- knowledge	Student gains advanced knowledge in the area of product design.
- skills	Student has the ability to analyze a design problem, can use the learned design methods and make 2D or 3D models; can correctly interpret and judge various stages of project execution.

<p>- personal and social competence</p>	<p>Student can independently judge and justify one's own project interpretations, based on objective criteria; can work in teams.</p>
<p>Course content</p>	<p>Determining and describing a design problem, and making decisions upon the area of work; building (determining) problem maps, considering all the expected contexts, for example: technical, functional, etc. Specialist consultations. Adjusting or designing a relevant design method and a list of research or experiments needed. Preparing different ways of solving a problem. Realization of a chosen solution to a given task (sketches and concept models, graphic design, making a prototype or a model, verbal and multimedia presentation).</p>
<p>Course form and number of course hours</p>	<p>Individual „master-apprentice” classes, group discussions, specialist consultations, reviews, project verification in factories or scientific laboratories.</p>
<p>Assessment methods and criteria</p>	<p>60% executing assignments / project realization / working reviews / activity during classes 30% public presentation 10% quality of the presentation</p>
<p>Assessment type</p>	<p>Graded pass</p>
<p>Literature</p>	<p>Artur Schopenhauer „Erystyka” Warszawa 1986 Rene Dubos „Pochwała różnorodności” Warszawa 1986 Monika Rosińska "Przemysleć użycie. Projektanci. Przedmioty. Życie społeczne." Thackara John "Na grzbiecie fali. O projektowaniu w złożonym świecie"</p>
<p>Teaching aids</p>	
<p>Language of instruction</p>	<p>Polish; communication in English possible</p>