



<b>Course name</b>	<b>Product Design</b>
<b>Entity running the course</b>	Faculty of Interior Architecture and Design
<b>Entity for which the course has been prepared</b>	Department of Design
<b>Course type</b>	Core / obligatory
<b>Year of study / semester, type of studies</b>	Year II, sem. IV, full-time master's degree
<b>ECTS credits</b>	3 pts ECTS +20 pts ECTS for diploma exam
<b>Academic tutor</b>	ac. prof. Włodzimierz Dolatowski, ass. prof. Tomasz Gacek, PhD, ass. tutor Renata Wites
<b>Aim of the course</b>	Realization of the master's diploma work, considering the complexity of execution (functional requirements, construction, technology, economics, aesthetic and cultural aspects).
<b>Prerequisites</b>	Ability to notice design problems in human surroundings; ability to search for, and use inspiration. Advanced computer literacy (using design software, 3D modelling).
<b>Learning outcomes:</b>	
<b>- knowledge</b>	Student gains advanced knowledge in the area of product design.
<b>- skills</b>	Student has the ability to analyze and synthesize 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><b>- personal and social competence</b></p>	<p>Student can independently judge and justify one's own project interpretations, based on objective criteria; can work in teams.</p>
<p><b>Course content</b></p>	<p>Determining and describing the spectrum of the diploma work. Determining problem maps, considering all the expected contexts, for example: technical, functional, etc. 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><b>Course form and number of course hours</b></p>	<p>Individual „master-apprentice” classes, group discussions, specialist consultations, reviews</p>
<p><b>Assessment methods and criteria</b></p>	<p>40% executing assignments / project realization / working reviews 60% public defense of the diploma work and thesis</p>
<p><b>Assessment type</b></p>	<p>Examination review</p>
<p><b>Literature</b></p>	<p>Laurence J. Peter „Plan Petera”, Warszawa 1979 H. Mruk, I. P. Rutkowski „Strategia produktu” Warszawa 1999 praca zbiorowa "Nerwowa drzemka. O poszerzaniu pola w projektowaniu A Nervous Nap. On Expanding the Field in Design" Jan Gehl "Życie między budynkami. Użytkowanie przestrzeni publicznych " Edward Nęcka „Pobudzenie intelektu- zarys formalnej teorii inteligencji” Kraków 1998 Edward T. Hall „Poza kulturą”, Warszawa 1984 Best Kathryn "Design Management. Zarządzanie strategią, procesem projektowym i wdrażaniem nowego produktu"</p>
<p><b>Teaching aids</b></p>	
<p><b>Language of instruction</b></p>	<p>Polish; communication in English possible</p>