



Course name	Utility glass design
Entity running the course	Faculty of Ceramics and Glass, Department of Glass
Entity for which the course has been prepared	Department of Glass
Course type	specialty course, compulsory course
Year of study / semester; Type of studies	Year 2 /semester 4 / full time bachelor's degree studies
ECTS credits	5
Academic tutor	Prof. Kazimierz Pawlak, assist. prof. Agnieszka Bar
Aim of the course	Acquisition of the ability of solving the design problems associated with utility glass. The ability of formulating design problems, as well as collecting and analyzing necessary information. The ability to make a conscious choice of the final proposition of a design problem solution. The acquisition of analytical skills. Making mockups and models at every stage of the project. Execution of the project documentation and its presentation in a verbal and written form, and also with the use of the visualization techniques applied in the process of designing.
Prerequisites	The course of <i>The fundamentals of utility glass</i> completed and passed. A basic knowledge of glass design and technology.
Learning outcomes:	
– <i>knowledge</i>	The student has an extended knowledge of glass design, and also the technology and techniques for glass production.
– <i>skills</i>	Skillful use of a designer's workshop, the student is independent in working out original solutions, they have the workshop skills necessary for creating the utility objects of a unique character. They are independent in making decisions in the area of designing. They properly prepare a project documentation.
– <i>personal and social competence</i>	The student can critically interpret a developed issue, they acquire the ability of the correct presentation of projects, they distinguish the difference between free artistic designing and designing of the objects intended for mass production. They learn the specifics of teamwork.
Course content	Realization of 3 one-day long assignments discussed in the studio in the presence of the tutor and fellow students. The design of the set of utility forms. The design and realization of the utility form of a unique character. Preparation of a paper on the issues of contemporary design.
Course form and number of course hours	Lectures, corrections, exercises in the studio and department workshops, one-day long assignments discussed in the studio in the presence of the tutor and fellow students; additionally, participation in plein air classes, 90 hrs./semester
Assessment methods and criteria	25% executing assignments/active participation in classes/working critique, 25% paper 50% open critique of works
Assessment type	graded pass



Literature	The history of design with particular emphasis on the utility glass. Knowledge on the material. The latest achievements in the area of design. Magazines on design, the catalogues of companies and glass plants, the Internet, Materiałoznawstwo szklarskie i ceramiczne / <i>The science of glass and ceramic materials</i> / Sławomir Dobrzyński, Witold Żołądziowski. - Warszawa : Pub. Szkoln. i Pedagogiczne, 1978, Dictionary of glass : materials and techniques. Charles Bray. - London ; Philadelphia : A & C Black : University of Pennsylvania Press, 1995, Krzemowe rodzeństwo : szkło i ceramika / <i>Silicon siblings: glass and ceramics</i> / Zbigniew Węglowski, Krystyna Przedziecka. - Ed. 2 changed -Warszawa: Pub. Szkoln. i Pedagogiczne, 1987, Material Connexion / Beylerian George M., Dent Andrew, Sekretny kod. Tajemnicza formuła, która rządzi sztuką, przyrodą i nauką / <i>Secret code. The mysterious formula that governs art, nature and science</i> / Priya Hemenway, Evergreen 2009, Lakshmi Bhaskaran, Design XX wieku. Główne nurty i style we współczesnym designie / <i>Design of XX century. Main trends and styles in contemporary design</i> /, ABE Pub. house, Warszawa 2006, Catherine McDermott, Design. Sztuka projektowania XX wieku / <i>Design. The art of designing of XX century</i> / Pub. Prowincja, Lesko 1999, magazines: 2+3d, Design Alive.
Teaching aids	
Language of instruction	Polish, possibility of running the course in English