



Subject card

| | | | | | | | |
|---|---|---|----------|-------------------------------------|--|------------|-----|
| Subject name and code | Architectural project III, PG_00052783 | | | | | | |
| Field of study | Architecture | | | | | | |
| Date of commencement of studies | October 2022 | Academic year of realisation of subject | | | 2023/2024 | | |
| Education level | first-cycle studies | Subject group | | | Optional subject group Subject group related to scientific research in the field of study | | |
| Mode of study | Full-time studies | Mode of delivery | | | at the university | | |
| Year of study | 2 | Language of instruction | | | Polish | | |
| Semester of study | 3 | ECTS credits | | | 4.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Department of Urban Architecture and Waterscapes -> Faculty of Architecture | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr inż. arch. Jacek Poplatek | | | | | |
| | Teachers | dr inż. arch. Mateusz Gerigk dr inż. arch. Piotr Czyż dr inż. arch. Jarosław Bąkowski dr inż. arch. Jacek Poplatek mgr inż. arch. Stanisław Dopierała mgr inż. arch. Agnieszka Malinowska prof. dr hab. inż. arch. Antoni Taraszkiewicz dr hab. inż. arch. Robert Idem mgr inż. arch. Ziemowit Belter mgr inż. arch. Karolina Taraszkiewicz dr inż. arch. Jakub Kołodziejczak | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 0.0 | 0.0 | 60.0 | 0.0 | 60 |
| | E-learning hours included: 0.0 | | | | | | |
| Learning activity and number of study hours | Learning activity | Participation in didactic classes included in study plan | | Participation in consultation hours | | Self-study | SUM |
| | Number of study hours | 60 | | 8.0 | | 32.0 | 100 |
| Subject objectives | The main goal of the course is to acquire learning outcomes from the following module components: Architectural design III - single-family house as the basic element of the urban composition. By analyzing a given location and creating a design from idea to concept, the student acquires technical knowledge and skills related to architectural design of small single-family residential buildings. | | | | | | |

| Learning outcomes | Course outcome | Subject outcome | Method of verification |
|-------------------|--|---|---|
| | [K6_U02] is able to design an architectural object or a simple urban complex that meets the aesthetic and technical requirements | The student is able to analyze the surroundings of project site and propose appropriate spatial solution. Based on the investor's requirements, the student creates briefing and solves it in the form of conceptual design. | [SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment |
| | [K6_W02] knows and understands the rules of gathering information and their interpretation as a part of project concept preparation; issues related to architecture and urban planning in the field of simple design problems solving | The student is able to present his aesthetic preferences on the basis of the collected information - examples of reference architectural objects as well as is able to prepare a conceptual design of a single-family building in the form of basic drawings: plans, sections, elevations, perspectives and diagrams. | [SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge |
| | [K6_U03] is able to prepare a graphic, written and oral presentation of your own design concepts in the field of architecture and urban planning, meeting the requirements of a professional record appropriate for architectural and urban design | The student is able to present his original concept of a single-family house in the form of a graphic record appropriate for architectural design and in the form of an oral presentation. | [SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools |
| Subject contents | <p>Analysis of the area, architectural, urban and cultural context and determination of the requirements of the future investor.</p> <p>Presentation of the functional and spatial program for the selected investor. Searching for a formal idea (an architectural idea).</p> <p>Formulating a spatial idea taking into account the architectural and urban context and the characteristics of the selected plot.</p> <p>Development of a basic architectural concept, taking into account the functional program, development of the selected plot.</p> <p>Development of an architectural form in a form of a concept, establishing a scheme of the structural system, communication and other basic spatial decisions.</p> <p>Development of an architectural concept.</p> <p>Detailed functional solutions.</p> <p>Detailed architectural solutions.</p> <p>Development of architectural details.</p> <p>Material and color analysis.</p> <p>Individual consultations.</p> <p>Individual consultations.</p> <p>Specifying design solutions, refining the design graphics.</p> <p>Development of the graphic form of the project.</p> <p>Public presentation of the architectural project.</p> | | |

| | | | |
|--|--|--|-------------------------------|
| Prerequisites and co-requisites | The student should have basic knowledge and skills of: 1. the ability to draw and develop architectural drawings, i.e. floor plans, sections, elevations and perspectives (visualization). 2. basic 3d modeling skills and knowledge of CAD drawing tools | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | Public presentation | 10.0% | 10.0% |
| | Plot development plan | 10.0% | 25.0% |
| | Architectural design | 10.0% | 40.0% |
| | Architectural project graphics | 10.0% | 15.0% |
| | Analysis of the plot and its surroundings | 10.0% | 10.0% |
| Recommended reading | Basic literature | Neufert E., Podręcznik projektowania architektoniczno-budowlanego. Warunki techniczne, jakim powinny odpowiadać budynki i ich usytuowanie, tekst rozporządzenia (Dz. U. poz. 1608 z 2020 r.). Korzeniowski W., Budownictwo mieszkaniowe. Poradnik projektanta, Arkady, 1989. Pearson D., Przyjazny dom. Wydawnictwo Murator Warszawa, 1998. | |
| | Supplementary literature | Wines J., Green Architecture. Taschen, 2000. Zumthor P., Myślenie architekturą, Karakter, Kraków 2010 Salvadori M., Dlaczego budynki stoją, Wydawnictwo Murator Biblioteka Architekta, Warszawa 2001 | |
| | eResources addresses | Adresy na platformie eNauczenie: SAOZ Projektowanie architektoniczne III 2023-2024 - Moodle ID: 33890 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=33890 | |
| Example issues/ example questions/ tasks being completed | Analyze the context of the surroundings of the selected design plot. Develop a functional program for a single-family building based on the investor's needs and requirements. Design a single-family house based on the developed functional program, taking into account the context of the surroundings. Develop the project graphics and present the project. | | |
| Work placement | Not applicable | | |