



Subject card

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| Subject name and code | Theory of urbanism II, PG_00061812 | | | | | | |
| Field of study | Architecture | | | | | | |
| Date of commencement of studies | October 2024 | | Academic year of realisation of subject | | 2025/2026 | | |
| Education level | first-cycle studies | | Subject group | | Obligatory subject group in the field of study 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 | 4 | | ECTS credits | | 1.0 | | |
| Learning profile | general academic profile | | Assessment form | | assessment | | |
| Conducting unit | Department Of Urban Design And Regional Planning -> Faculty Of Architecture -> Wydziały Politechniki Gdańskiej] | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr inż. arch. Roman Ruczyński | | | | |
| | Teachers | | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15 |
| | 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 | 15 | | 1.0 | | 9.0 | 25 |
| Subject objectives | The course is designed to familiarise students with the following issues: - the importance of housing structures in the city;- shaping of housing complexes;- complex living environment;- urban designing process. | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K6_W03] knows and understands history and theory of architecture as well as art, technology and humanities to the extent necessary for the proper performance of architectural designs; issues related to architecture and urban planning useful for the design of architectural objects and urban complexes in the context of social, cultural, natural, historical, economic, legal and other non-technical conditions of engineering activities, integrating knowledge acquired during studies; | | Students understand the importance of a holistic approach to housing development as a condition for shaping a valuable living environment. | | [SW1] Assessment of factual knowledge | | |
| | [K6_U04] is able to use analytical methods to formulate and solve project tasks | | is able to use analytical methods to formulate and solve project tasks | | [SU3] Assessment of ability to use knowledge gained from the subject | | |

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| Subject contents | <p>1. Designing pre-conditions - goal, issues, scope.</p> <p>2. Home as a realization of basic and additional human needs - changes in development methods.</p> <p>3. Housing of the 20th century - success and downfall of modernism.</p> <p>4. Design concept and as the most important stage of the project.</p> <p>5. Types of single-family and multifamily housing, their features and design principles - repetition.</p> <p>6. Types of urban space - forms, ways of use and arrangement.</p> <p>7. New Urbanism and other concepts - TND, TOD, Smart City, Car Free City.</p> <p>8. Values of space / urban design in CFC. Identity, walkability, beauty, uniqueness.</p> <p>9. Shaping the functional programme of residential complexes.</p> <p>10. Shaping transport routes as a tool for urban design - problems and solutions.</p> <p>11. Servicing of residential development - garages, car parks, supply access and waste disposal.</p> <p>12. Hierarchy of spaces - diversity of development and arrangement.</p> <p>13. Greenery as an urban planning element - compositional and non-compositional functions.</p> <p>14. Street architecture, flooring, urban detail.</p> <p>15. Summary.</p> | | |
| Prerequisites and co-requisites | | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | colloquium | 51.0% | 100.0% |
| Recommended reading | Basic literature | <p>Gehl J. Life Between Buildings. Using Public Space. Washington:Island Press. 2011. ISBN-10: 1-59726-827-5.</p> <p>Biddulph M. Introduction to Residential Layout. Amsterdam: Butterworth-Heinemann. 2007. ISBN 9780080468617.</p> | |
| | Supplementary literature | Katz P. The New Urbanism. Toward an Architecture of Community. New York: Mc-Graw-Hill, Inc. 1994. ISBN 0-07-033889-2. | |
| | eResources addresses | Adresy na platformie eNauczanie: | |

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| Example issues/ example questions/ tasks being completed | <ul style="list-style-type: none"> - Define key principles of shaping the contemporary housing complexes - Scope and meaning of analyses stage. - Define the main social issues influencing the shape of contemporary housing complexes |
| Work placement | Not applicable |

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