GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Subject name and code | Urban planning - diploma design studio I, PG_00069679 | | | | | | |
| Field of study | Urban planning - diploma design studio I | | | | | | |
| Date of commencement of studies | February 2025 | | Academic year of realisation of subject | 2025/2026 | | | |
| Education level | second-cycle studies | | Subject group | | | | |
| Mode of study | Full-time studies | | Mode of delivery | at the university | | | |
| Year of study | 1 | | Language of instruction | English | | | |
| Semester of study | 2 | | ECTS credits | 5.0 | | | |
| 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 hab. inż. arch. Karolina Krośnicka | | | | | |
| | Teachers | dr hab. inż. arch. Karolina Krośnicka | | | | | |

| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
|---|---|---|---|---|---|---|---|
| | Number of study hours | 0.0 | 15.0 | 0.0 | 30.0 | 0.0 | 45 |
| | 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 | 45 | 0.0 | 0.0 | 45 |

| Subject objectives | |
|---|---|
| | Preparation of the student for the completion of the diploma thesis. The subject of the diploma thesis at the second degree studies is a theoretical or theoretical-application study in the field of urban planning, containing an in-depth study of the assumed research problem, containing elements of synthesis and indicating the possibilities of solving the problem in the context of in-depth socio-economic, legal and technical analyzes, as well as an original proposal for the application of the proposed solutions depicted in a selected space. |

Learning outcomes

| Course outcome | Subject outcome | Method of verification |
|---|---|---|
| [K7_K03] responsibly fulfills his/her professional role as an urban planner and planner in a way that takes into account the changing social, economic, natural and legal conditions; develops his/her scientific and design achievements guided by the principles of professional ethics | takes into account social, economic, natural, and legal conditions in his/her diploma thesis, while developing his/her scientific and design achievements and following the principles of professional ethics as an urban planner. | [SK3] Ocena umiejętności organizacji pracy |
| [K7_W04] has in-depth knowledge of issues and technical systems related to the planning, design and implementation of infrastructure projects and urban planning, as well as the life cycle of facilities and systems related to the operation of settlement units | has in-depth knowledge of the spatial planning process, urban design, and the implementation and operation of investment projects (e.g., large-scale projects in waterfront areas, coastal protection, seaport projects). | [SW3] Ocena wiedzy zawartej w opracowaniu tekstowym i projektowym |
| [K7_U07] is able to direct the process of self-education in the field of urban planning, spatial planning and related fields; obtains information from literature and other appropriately selected sources, interprets and critically evaluates them; formulates and extensively justifies his/her opinion and on this basis is able to prepare a short scientific paper; is able to inspire and organize the learning process of others | is able to independently obtain information from literature and other appropriately selected sources, interprets and critically evaluates it; formulates and thoroughly justifies his/her opinion and, on this basis, is able to prepare a short scientific study in the form of a draft of a scientific article. | [SU4] Ocena umiejętności korzystania z metod i narzędzi |
| [K7_U04] plans and carries out computer simulations; uses information and communication technologies in an advanced way; interprets the obtained results and draws conclusions on phenomena related to spatial development | When preparing a thesis, the student is proficient in using information and communication technologies (especially graphic design software); interprets research results (e.g., using GIS analysis) and conducts simulations of projected phenomena related to spatial management. | [SU1] Ocena realizacji zadania |
| [K7_W06] knows and understands the concepts and principles of copyright protection and the need to manage intellectual property resources | Knows and understands the concepts and principles of copyright protection in the context of creating planning documents (offshore and onshore) and the need to manage intellectual property resources | [SW1] Ocena wiedzy faktograficznej |
| [K7_U02] analyzes and critically evaluates the existing spatial phenomena and solutions occurring in urbanized structures of different scales (in the district, city, region); indicates solutions to problem situations and determines the appropriate directions of spatial development, taking into account multiple conditions; prepares up elements of planning studies on spatial policy and development strategies of the city and the region | Is able to prepare elements of planning studies concerning spatial policy and development strategies for the city, seaport, and coastal region. Is able to analyze and critically evaluate existing phenomena and spatial solutions occurring in urbanized structures of various scales in the coastal zone, indicating optimal directions for change and design solutions. | [SU1] Ocena realizacji zadania |

<table>
<tr><td>Subject contents</td><td>This subject consists of class having more theoretical background and project design carried out together with the thesis supervisor<br><br>Classes consist in strengthening the student's competence in the field of planning in the coastal zone by developing knowledge about litho-dynamic processes occurring in the coastal zone and coastal protection.<br><br>The diploma thesis should contain: - theoretical part, including a description of the state of knowledge about a selected research problem, an in-depth analysis of this issue in a multifaceted approach, made with the use of spatial planning tools and techniques appropriate to the problem, as well as conclusions that can be applied in various contexts of urban planning or design - application part, covering the implementation of the conclusions of the theoretical part in a specific space or in a selected spatial development context (e.g. in the form of a design, planning, strategic, methodological study, etc.).<br><br>The classes consist of theoretical exercises and design work conducted in collaboration with the thesis supervisor. The exercises, led by Specialist Andrzej Cieslak, aim to strengthen the student's competences in coastal planning by developing knowledge of lithodynamic processes occurring in the coastal zone and coastal protection. The thesis design work, conducted by individual supervisors, leads to the development of a thesis, which should include: - a theoretical section, encompassing a description of the state of knowledge on the selected research problem, an in-depth multi-faceted analysis of this issue using appropriate spatial planning tools and techniques, and conclusions that can be applied in various urban planning or design contexts. - an applied section, encompassing the implementation of the theoretical conclusions in a specific space or in a selected spatial management context (e.g., in the form of a design, planning, strategic, methodological, etc.)<br><br>The classes consist of theoretical exercises and design work conducted in collaboration with the thesis supervisor. The exercises, led by Specialist Andrzej Cieslak, aim to strengthen the student's competences in coastal planning by developing knowledge of lithodynamic processes occurring in the coastal zone and coastal protection. The thesis design work, conducted by individual supervisors, leads to the development of a thesis, which should include: - a theoretical section, encompassing a description of the state of knowledge on the selected research problem, an in-depth multi-faceted analysis of this issue using appropriate spatial planning tools and techniques, and conclusions that can be applied in various urban planning or design contexts. - an applied section, encompassing the implementation of the theoretical conclusions in a specific space or in a selected spatial management context (e.g., in the form of a design, planning, strategic, methodological, etc.)</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>complex text-graphic raport of a research and application character</td><td>100.0%</td><td>100.0%</td></tr>
</table>
</td></tr>
<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>Selected individually by the work supervisor depending on the subject of the diploma thesis.</td></tr>
<tr><td>Supplementary literature</td><td>Selected individually by the work supervisor depending on the subject of the diploma thesis.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
</table>
</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>- selection of the shore protection method to the natural and anthropogenic conditions of the project area<br><br>- theoretical text and graphic part, covering research issues in the field of spatial planning and town planning, defined and assessed individually by the thesis supervisor<br><br>- application part, covering the implementation of the conclusions of the theoretical part in a specific space or in a selected context of spatial management to the extent specified and assessed individually by the work supervisor</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
</table>

Document generated electronically. Does not require a seal or signature.