Attachment no. 5 to ZW 16/2020

Attachment no. **4** to studies program

|  |
| --- |
| **FACULTY OF ARCHITECTURE**  **COURSE SYLLABUS**  Course title in Polish: **Projektowanie urbanistyczne - Rewitalizacja struktur urbanistycznych**  Course title in English: **Urban design - Revitalization of Urban Structures**  Specialization (if applicable): **Architecture**  Profile (if applicable): **Architecture and Urban Planning**  Level and form of studies: **2nd level, full-time**  Semester: **1**  Course type: **optional**  Course code: **AUA117695P**  Group of courses: **NO** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Lecture** | **Tutorial** | **Laboratory** | **Project** | **Seminar** |
| Number of hours of organized classes in University (ZZU) |  |  |  | **60** |  |
| Number of hours of total student workload (CNPS) |  |  |  | **125** |  |
| Form of crediting |  |  |  | **Crediting with grade** |  |
| For group of courses mark (X) final course |  |  |  |  |  |
| Number of ECTS points |  |  |  | **5** |  |
| including number of ECTS points for practical (P) classes |  |  |  | **3** |  |
| including number of ECTS points for direct teacher-student contact classes or other people conducting classes (BU) |  |  |  | **3,75** |  |

|  |
| --- |
| **PREREQUISITES RELATED TO KNOWLEDGE, COMPETENCES AND SOCIAL SKILLS** |
| **No prerequisites.** |

|  |
| --- |
| **COURSE OBJECTIVES** |
| **C1** acquainting with the issues of spatial planning, including the basic tools of spatial policy, methods of preparing analyses of external and internal conditions and the interpretation of their results.  **C2** the ability to develop and present a spatial development project for a development complex with greenery and selected urban facilities.  **C3** the ability to prepare and read a draft of the local spatial development plan of a selected urban area.  **C4** acquainting with the directions of transformations in contemporary cities. |

|  |
| --- |
| **COURSE LEARNING OUTCOMES** |
| **Relating to knowledge:**  1.1.2) The graduate knows and understands detailed issues in the field of architecture and urban planning related to solving complex design problems.  A.W2. The graduate knows and understands urban design related to completing tasks that vary in scale and level of complexity, in particular building complexes, and local development plans that take local conditions and relations into account.  A.W3. The graduate knows and understands spatial planning and spatial policy tools.  A.W5. The graduate knows and understands the principles of universal design, including the concept of designing spaces and buildings accessible to all users, in particular to people with disabilities, in architecture, urban planning and spatial planning, and the principles of ergonomics, including ergonomic parameters necessary to provide full functionality of the space and structures under design to all users, in particular for people with disabilities.  A.W8. The graduate knows and understands the interdisciplinary nature of architectural and urban design and the need to integrate knowledge from other disciplines and to apply it in the designing process in cooperation with specialists in these disciplines.  **Relating to competences:**  1.2.2) The graduate is able to use interdisciplinary knowledge and skills acquired during studies to design a sophisticated architectural structure or urban complex that meets the aesthetic and technical requirements, creating and transforming space and giving it new values.  1.2.3) The graduate is able to prepare an advanced graphic, written and oral presentation of his or her original design concepts in the field of architecture and urban planning, using a convention that satisfies the requirements of professional architectural and urban design.  1.2.4) The graduate is able to apply analytical methods in formulating and solving design tasks, present the theoretical background and the justification for the presented solutions in the form of a scientific study.  1.2.5) The graduate is able to organize the work including all phases of design concept development.  A.U2. The graduate is able to design a simple and compound urban complex.  A.U3. The graduate is able to elaborate planning studies related to spatial development and interpret them to the extent that is necessary for urban and architectural design.  A.U4. The graduate is able to perform a critical analysis of conditions, including the assessment of land use and development; formulate conclusions for design and spatial planning, forecast the processes of transformation of the settlement structure of cities and villages and predict the social effects of these transformations.  A.U5. The graduate is able to evaluate the usefulness of advanced methods and tools for solving simple and complex engineering tasks that are typical in architecture, urban planning and spatial planning, and choose and apply appropriate methods and tools in designing.  A.U8. The graduate is able to think and act creatively, with an understanding that designing is a complex and multi-faceted endeavor, and express his or her own artistic concepts in architectural and urban design.  A.U9. The graduate is able to integrate information obtained from various sources, interpret and critically analyse it in detail and use it to draw conclusions, as well as formulate and justify opinions and demonstrate their relationship with the designing process on the basis of available scientific achievements in the discipline.  A.U10. communicate by means of various techniques and tools in a professional and interdisciplinary environment to the extent that is appropriate for architectural and urban design and spatial planning.  A.U13. formulate new ideas and hypotheses, analyze and test novelties related to engineering and research problems in the field of architectural and urban design and spatial planning.  A.U15. The graduate is able to implement the principles and guidelines of universal design in architecture, urban planning and spatial planning.  **Relating to social skills:**  A.S1. The graduate is ready to effectively use imagination, intuition, creative attitude and independent thinking to solve complicated design problems.  A.S2. The graduate is ready to speak and make presentations in public.  A.S3. The graduate is ready to take on the role of coordinator of activities in the design processes, manage team work and use interpersonal skills (conflict resolution, negotiation, task delegation), follow teamwork principles and take responsibility for joint tasks and projects.  A.S4. The graduate is ready to take responsibility for shaping the natural environment and cultural landscape, including preservation of the heritage of the region, the country and Europe. |

|  |  |  |
| --- | --- | --- |
| **PROGRAMME CONTENT** | | |
| **Form of classes - project** | | **Number of hours** |
| Proj 1 | Discussion of the schedule of the classes, scopes of reviews and principles of project preparation. Distribution of design topics.  Knowledge:  Discussion on examples the spatial aspects of revitalization activities. | 4 |
| Proj 2 | Photographic inventory.  Indication of the cultural, spatial and social potential of the city (selected area) for the implementation of revitalization activities.  Consultations. | 4 |
| Proj 3 | Presentations of the acquired materials concerning the analysed areas. Spatial analyses considering the degraded area: functional structure, transport connections, natural values, degree and categories of degraded spaces, functional deficiencies. Determining the degree and category of space degradation and its functional deficiencies.  Consultations. | 4 |
| Proj 4 | Socio-economic analyses considering the degraded area: demographic changes, migration, unemployment, number of economic entities, their size, nuisance, cultural activities carried out in the area. Defining the rules of cooperation with the local community. Formation of the survey.  Consultations. | 4 |
| Proj 5 | Strengths and weaknesses, opportunities and threats. Defining opportunities for socio-economic development. Delimitation of revitalization areas intended to be covered by revitalization activities.  Consultations. | 4 |
| Proj 6 | Range of revitalization activities for a selected revitalization area.  Consultations. | 4 |
| Proj 7 | Concept of spatial development of a selected revitalization area (scale 1: 2000).  Consultations. | 4 |
| Proj 8 | Details of revitalization projects for the area of revitalization.  Consultations. | 4 |
| Proj 9 | Overview 1.  Range of revitalization activities. Staging. Expected effects of revitalization. Graphical presentation of the range of revitalization activities. The concept of spatial development of a selected revitalization area, area of about 10 ha (scale 1:1000/2000). | 4 |
| Proj10 | Selection of the revitalization area part for a local revitalization plan development (e.g. a quarter, public space - square, street) functional and composition assumptions - drawings, graphic diagrams (scale 1:500).  Consultations. | 4 |
| Proj 11 | Urban concept of the area covered by the local revitalization plan (scale 1: 500). Visualization - model of the spatial structure of an area. Elevation views (scale 1:100/500).  Consultations. | 4 |
| Proj 12 | Overview 2.  Presentation of the urban and architectural concept of the area covered by the local revitalization plan. | 4 |
| Proj 13 | Architectural detail of the development of the selected cubature or spatial object with its surroundings, to be introduced within the area covered by the local revitalization plan (newly designed or adapted object) (scale 1:100).  Consultations. | 4 |
| Proj 14 | The development architectural detail of a selected cubature or spatial object with its surroundings. Architectural detail of the city furniture (scale 1:10/20). Visualizations.  Consultations. | 4 |
| Proj 15 | Overview 3.  Submission of projects with a CD (the whole range). Passing the classes. | 4 |
|  | **Total hours** | **60** |

|  |
| --- |
| **TEACHING TOOLS** |
| **N1** - Case studies.  **N2** - Concept work.  **N3** - Analytical work.  **N4** - Literature studies.  **N5** - Group consultations.  **N6** - Individual reviews.  **N7** - Presentations and group discussions. |

|  |  |  |
| --- | --- | --- |
| **ASSESSMENT OF ACHIEVEMENT OF LEARNING OUTCOMES** | | |
| **Evaluation** (F – forming (during semester), C – concluding (at semester end) | Number of learning outcome | Method of assessing the achievement of learning outcome |
| F1 | 1.1.2)  A.W2.  A.W3.  A.W5.  A.W8.  1.2.2)  1.2.3)  1.2.4)  1.2.5)  A.U2.  A.U3.  A.U4.  A.U5.  A.U8.  A.U9.  A.U10.  A.U13.  A.U15.  A.S1.  A.S2.  A.S3  A.S4. | grade of overview 1 |
| F2 | grade of overview 2 |
| F3 | grade of overview 3 |
| **C = 25%F1+ 25%F2 + 50%F3** | | |

|  |
| --- |
| **BASIC AND ADDITIONAL LITERATURE** |
| **basic LITERATURE:**   1. Ustawa z dnia 9 października 2015 r. o rewitalizacji (Dz.U. z 2015 poz. 1777). 2. *Specyfika odnowy małych i średnich miast w Polsce*, Poczobut, J. (red.), Kraków 2009. 3. *Przestrzenne aspekty rewitalizacji - śródmieścia, blokowiska, tereny poprzemysłowe, pokolejowe i powojskowe*, Jarczewski, W. (red.), Kraków 2009. 4. *Demograficzne i społeczne uwarunkowania rewitalizacji miast w Polsce*, Zborowski, A. (red), Kraków 2009. 5. *Aspekty prawne i organizacyjne zarządzania rewitalizacją*, Rydzik, W. (red.), Kraków 2009. 6. *Finansowanie i gospodarka nieruchomościami w procesach rewitalizacji*, M. Bryx (red.), Kraków 2009. 7. *Rewitalizacja miast polskich – diagnoza*, Ziobrowski, Z., Jarczewski, W. (red.), Kraków 2009. 8. *Projekty i programy rewitalizacji w latach 2000-*2006, Targowska, F. (red.), Kraków 2006.   **additional LITERATURE:**   1. *Rewitalizacja miast w Wielkiej Brytanii*, Guzik, R.(red.), Kraków 2009. 2. Skalski, K., *Rewitalizacja we Francji - zarządzanie przekształceniami obszarów kryzysowych w miastach*, Kraków 2009. 3. *Rewitalizacja miast w Niemczech*, Bryx, M., Jadach-Sepioło, A. (red.), Kraków 2009. 4. *Podręcznik rewitalizacji Zasady, procedury i metody działania współczesnych procesów rewitalizacji,* UMiRM, Warszawa 2003. |

|  |
| --- |
| **COURSE SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)** |
| **dr inż. Paweł Pach**  pawel.pach@pwr.edu.pl  **dr hab. inż. arch. Magdalena Belof**  magdalena.belof@pwr.edu.pl |