Attachment no. 5 to ZW 16/2020

Attachment no. **7** to studies program

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| **FACULTY OF ARCHITECTURE**  **COURSE SYLLABUS**  Course title in Polish: **Projektowanie konserwatorskie - Wnętrza urbanistyczne, współczesna przestrzeń publiczna w kontekście zabytkowym**  Course title in English: **Conservation Design - Urban Interiors, Contemporary Public Space in Historical Context**  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: **AUA117698P**  Group of courses: **NO** |

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|  | **Lecture** | **Tutorial** | **Laboratory** | **Project** | **Seminar** |
| Number of hours of organized classes in University (ZZU) |  |  |  | **60** |  |
| Number of hours of total student workload (CNPS) |  |  |  | **100** |  |
| Form of crediting |  |  |  | **Crediting with grade** |  |
| For group of courses mark (X) final course |  |  |  |  |  |
| Number of ECTS points |  |  |  | **4** |  |
| including number of ECTS points for practical (P) classes |  |  |  | **2** |  |
| including number of ECTS points for direct teacher-student contact classes or other people conducting classes (BU) |  |  |  | **3** |  |

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

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| **COURSE OBJECTIVES** |
| **C1** to become acquainted with the issues of designing contemporary public space in historical urban interiors, with particular emphasis on not only interiors under strict conservation protection in post-location cities, but also the specificity of the interiors in early modern urban complexes (city centers from the 18th - 19th centuries, interwar period, modernism 1945-1980) and the influence of contemporary architectural and urban planning activities on the formation and completion of the cultural landscape of the cities.  **C2** familiarization with the basic concepts of monument protection and the protection of cultural landscape, relations between human and architecture, and between architecture and the surrounding environment, and the need to adapt architecture (including the street furniture and art objects) to human needs and the urban scale of man.  **C3** developing the ability to perform field research necessary to determine the cultural landscape values and the values of its elements on the example of a selected study area.  **C4** preparation for the development of precise urban conservation guidelines, useful in the fields of protection of cultural property and cultural landscapes, and for the formulation of these principles in the local plan records.  **C5** developing the ability to interpret the impact of various conservation and non-conservation activities on the cultural landscape of urban interiors and on the social perception and assessment of historic buildings and complexes, including the criteria for assessing their authenticity.  **C6** developing the ability to present in an urban design the layouts and elements of the urban interiors' spatial composition from the general scale to the urban detail solutions, and to familiarize with the influence that all forms of urban detail have on the urban space aesthetics. |

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| **COURSE LEARNING OUTCOMES** |
| **Relating to knowledge:**  1.1.1) The graduate knows and understands structural, constructional and engineering problems associated with designing buildings.  1.1.2) The graduate knows and understands detailed issues in the field of architecture and urban planning related to solving complex design problems.  1.1.3) The graduate knows and understands advanced issues related to architecture and urban planning which are useful in designing structures and urban complexes in the context of social, cultural, natural, historical, economic, legal and other non-technical conditions of engineering activities, integrating the knowledge acquired during university studies.  1.1.5) The graduate knows and understands relations between man and architecture and between architecture and the surrounding environment, and the necessity to adapt architecture to human needs and scale.  1.1.6) The graduate knows and understands regulations and procedures that are necessary to implement building projects and integrate buildings with the overall urban planning project.  1.1.8) The graduate knows and understands history and theory of architecture, art, technology and humanities to the extent that is necessary to create proper architectural designs.  1.1.9) The graduate knows and understands principles, solutions, structures and building materials used in complex engineering tasks related to architectural and urban design.  1.1.10) The graduate knows and understands issues related to architecture and urban planning in the context of the interdisciplinary nature of architectural and urban design as well as the need to cooperate with other specialists.  1.1.11) The graduate knows and understands principles of collecting information and interpreting it when developing a design concept.  1.1.12) The graduate knows and understands principles of professional presentation of architectural and urban planning concepts.  1.1.13) The graduate knows and understands the nature of the architectural profession and its role in society.  A.W1. The graduate knows and understands architectural design that varies in the level of complexity, ranging from simple tasks to structures with complex functions in a complex context, in particular simple buildings that satisfy basic needs of users, single-family and multi-family residential buildings, service facilities in residential complexes, public use buildings and complexes of such buildings with a varying scale and level of complexity in an open landscape or in an urban environment.  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.W4. The graduate knows and understands provisions of local land-use plans to the extent that is necessary for architectural design.  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.W6. The graduate knows and understands advanced methods of analysis, tools, techniques and materials necessary to develop design concepts in an interdisciplinary environment, with particular emphasis on cross-industry collaboration.  A.W7. The graduate knows and understands basic methods and techniques for conservation, modernization and reconstruction of historic buildings.  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:**  1.2.1) The graduate is able to use the experience acquired during studies to critically analyze the conditions and formulate conclusions for designing in a complex, interdisciplinary context.  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.U1. The graduate is able to design a simple and complex architectural structure, creating and transforming space so as to give it new values – in accordance with the assigned or adopted program which takes into account the requirements and needs of all users, the spatial and cultural context, and the technical and non-technical aspects.  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.U6. The graduate is able to prepare an architectural conservation design concept of the transformation of an architectural and urban structure with cultural values, with special regard to the protection of these values and to the appropriate methods and techniques, in accordance with the adopted program, which includes non-technical aspects.  A.U7. The graduate is able to perform a critical analysis and assessment of a project and its implementation with respect to the modernization and reconstruction of architectural and urban structures that have cultural values.  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 analyze 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. The graduate is able to 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.U11. The graduate is able to work individually and in a team, including collaborating with specialists from other industries, and take on a leadership role in such teams.  A.U12. The graduate is able to estimate the time needed to complete a complex design task.  A.U13. The graduate is able to 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.U14. The graduate is able to prepare architectural and construction documentation using appropriate scales and in relation to the conceptual architectural design.  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:**  1.3.1) The graduate is ready to work in a professional manner, comply with the principles of professional ethics and take responsibility for his or her actions.  1.3.2) The graduate is ready to respect the diversity of views and cultures and demonstrate sensitivity to the social aspects of the profession.  1.3.3) The graduate is ready to take responsibility for humanistic, social, cultural, architectural and urban planning values in the protection of the environment and the cultural heritage.  1.3.4) The graduate is ready to learn all life long, among others, by enrolling in doctoral and post-graduate programs or participating in other forms of education.  1.3.5) The graduate is ready to inspire others to learn and organize the educational process.  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. |

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| **PROGRAMME CONTENT** | | |
| **Form of classes - project** | | **Number of hours** |
| Proj 1 | Introduction to the subject:  the scope of the project, basic concepts and tasks, research methods, methods of graphic presentation, literature, conditions for passing.  Assignment of individual design topics (Wrocław themes and selected topics from Polish and European cities) and discussion of tasks.  Design subjects in terms of analyses cover the area in urban scale from the whole city area (in case of small city) or district area in metropolitan city (scale is set individually from 1:2000). In next step, the scale 1:500 –1:1000 is adjusted to the subject of urban interior (but also to a scale of 1:50-1:100 in the case of street furniture). Depending on the complexity of the topic, the research analyses and urban design are performed in group of 2-3 people, the works on a scale of 1:1000 and below are individual tasks. The projects include both the surroundings development and the internal composition of one or more interiors in an urban complex. Interiors with its designed space, related to the urban context (of a closed nature - market squares, church squares, squares or of semi-open nature - waterfronts), depending on the size, can be developed within the group in alternative versions - analogous to the competition solutions.  Knowledge: presented issues include contemporary public space realizations in urban interiors both in cities in Europe, but also the Middle East, Turkey and both Americas. | 4 |
| Proj 2 | Discussion on the issues of urban planning history and studied area architecture based on materials collected by students – literature studies, iconography and cartography. Students individual work on the project – analyses area in an urban scale. Formulation of the questionnaire on local public space in studied area (local society needs and ways of fulfilling them). Consultations. | 4 |
| Proj 3 | Discussion of the results of field analyses. An attempt to assess objects in the urban space of a selected area. Overview of the formulating conservation conclusions principles. Application of conservation records in urban and architectural planning. Discussion and research on local development plans (MPZP) or spatial conditions studies. Consultation. | 4 |
| Proj 4 | Preparation of local development plan (MPZP) in the field of architecture on an urban scale for the entire district/ city (depending on the topic), scale from 1: 2500 or similar. Consultations. | 4 |
| Proj 5 | Preparation of an urban design based on the previously prepared local development plan (MPZP). Scope: 2D model with urban cross-sections and 3D (solid layout with the roof forms specification, composition elements of urban panoramas, scale 1: 1000-1: 2000). Consultations. | 4 |
| Proj 6 | Review of projects 1.  Urban scale projects containing „before and after” revalorization fazes - scale 1:1000-1:2000 or similar, the definition of certain interiors urban-spatial composition main elements and indicating the need for changes.  The beginning of design work on the chosen interior (detail design of the interior on the scale 1:500, area with neighbouring areas 1:1000 and more – depending on the topic and number of students in a working group).  Consultations.  Knowledge: Water in public space not only in urban scale (waterfronts – Chicago, seafronts – Croatia, riverfronts – Hamburg), but also water as an urban detail - traditions and modernity. | 4 |
| Proj 7 | Development of entire urban interiors designs on a scale of 1:1000 or another, depending on the adopted solution of the urban interior public space and design solutions - urban design of the entire urban complex surrounding area (showing interactions and spatial connections in the case of smaller urban interiors between the interior/ interiors and the surroundings) scale 1:2500 or similar. Design of interior detail solutions - from urban furnishing - individual - original urban design projects to other forms creating an artistic and functional urban interior - Apple stores casus. - I.  Consultations.  In-class assignment 1. – design of a fountain in a public space.  Discussion of the results of the classroom task. | 4 |
| Proj 8 | Continuation of Proj 7 works.  Consultations.  Knowledge: discussion of the topic of architectural objects – street furniture in public space, including specialized functions (pavilions presenting archaeological exhibitions, etc.). | 4 |
| Proj 9 | Continuation of Proj 7 works.  Consultations.  Knowledge: Light in public space - space lighting and illumination in urban and architectural complexes. | 4 |
| Proj 10 | Continuation of Proj 7 works.  Consultations.  In class assignment 2. – small architectural objects or street furniture in public space design. Discussion of the results of the classroom task.  Knowledge: Greenery in public interiors of urban and architectural complexes - contemporary concepts against the historical solutions. | 4 |
| Proj 11 | Continuation of Proj 7 works.  Consultations.  Knowledge: Pavements and surfaces in urban areas and traffic issues. Adaptations of public space for the needs of disabled people. | 4 |
| Proj 12 | Development of street furniture and urban equipment selected elements designs on a scale of 1:50 - 1:100, depending on the adopted solution of the public space of an urban interior.  2D and 3D projects.  Consultations.  Knowledge: Commemorative and formal objects. Contemporary art in public space. | 4 |
| Proj 13 | Continuation of Proj 12 works.  Consultations. | 4 |
| Proj 14 | Continuation of Proj 12 works.  Consultations. | 4 |
| Proj 15 | Final review (2.)  Project presented in full scale from 1:2500, or similar, through the urban interior public space area scale c. 1:500 - 1000 to the scale of a detail: 1:50- 1:200.  Discussion.  Project grading. | 4 |
|  | **Total hours** | **60** |

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| **TEACHING TOOLS** |
| **N1** - Multimedia presentation.  **N2** - Discussion.  **N3** - Case studies.  **N4** - Literature studies.  **N5** - Archive studies.  **N6** - Group discussions and presentations with reviews.  **N7** - Individual consultations.  **N8** - Group consultations. |

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| **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 | 1.1.1)  1.1.2)  1.1.3)  1.1.5)  1.1.6)  1.1.8)  1.1.9)  1.1.10)  1.1.11)  1.1.12)  1.1.13  A.W1.  A.W2.  A.W3.  A.W4.  A.W5.  A.W6.  A.W7.  A.W8.  1.2.1)  1.2.2)  1.2.3)  1.2.4)  1.2.5)  A.U1.  A.U2.  A.U3.  A.U4.  A.U5.  A.U6.  A.U7.  A.U8.  A.U9.  A.U10.  A.U11.  A.U12.  A.U13.  A.U14  A.U15.  1.3.1)  1.3.2)  1.3.3)  1.3.4)  1.3.5)  A.S1.  A.S2.  A.S3.  A.S4. | Grade based on substantive value of final project and mid-semester projects. |
| F2 | Grade based on public review of final project. |
| F3 | Grade based on activity in discussion on final project reviews. |
| **C = 60%F1 + 20%F2 + 20%F3** | | |

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| **BASIC AND ADDITIONAL LITERATURE** |
| **basic LITERATURE:**   1. Benevolo, L., *Miasto w dziejach Europy*, Warszawa 1995. 2. Bogdanowski, J., *Kompozycja i planowanie w architekturze krajobrazu*, Wrocław, Kraków 1976. 3. Boehm, A., *Planowanie przestrzenne dla architektów krajobrazu. O czynniku kompozycji*, Kraków 2006. 4. Czarnecki, W., *Planowanie miast i osiedli*, Warszawa 1960. 5. Czarnecki, B., *Plac rynkowy współczesnego małego miasta w Polsce*, Białystok 2003. 6. Eysymontt, R., *Kod genetyczny miasta. Średniowieczne miasta lokacyjne Dolnego Śląska na tle urbanistyki europejskiej*, Wrocław 2009. 7. Kalinowski, W., *Zarys historii budowy miast w Polsce do połowy XIX wieku*, Toruń 1966. 8. Lubocka-Hoffmann, M., *Miasta historyczne zachodniej i północnej Polski. Zniszczenia i programy odbudowy*, Bydgoszcz 2004. 9. Majdecki, L., *Ochrona i konserwacja zabytkowych założeń ogrodowych*, Warszawa 1993. 10. Małachowicz, E., *Konserwacja i rewaloryzacja architektury w zespołach i krajobrazie*, Wrocław 1994. 11. Mumford, L., *The City in History. Its Origins, Its Transformations, and Its Prospects*, New York 1961. 12. Ostrowski, W., *Rewaloryzacja zabytkowych zespołów urbanistycznych*, Warszawa 1980. 13. Ostrowski, W., *Wprowadzenie do historii budowy miast - ludzie i środowisko*, Warszawa 2001. 14. Rymaszewski, B., *O przetrwanie dawnych miast*, Warszawa 1984.   **additional LITERATURE:**   1. *Atlas architektury Wrocławia*, Harasimowicz, J. (red.), t.1 i 2, Wrocław 1997, 1998. 2. *Atlas historyczny miast Polskich*, t.1: Prusy Królewskie i Warmia, Czacharowski, A. (red.), z. 1: Elbląg, z. 2: Toruń, z. 5: Elbląg; t.4: Śląsk, Młynarska- Kaletynowa M. (red.), z. 1: Wrocław, z. 2: Środa Śląska; t.5: Małopolska, Noga, Z. (red.), z.1: Kraków. 3. Czerner, O., *Wrocław na dawnej rycinie*, Wrocław 1989. 4. Graham, W., *Miasta wyśnione – siedem wizji urbanistycznych, które kształtują nasz świat*, Kraków 2016. 5. *Leksykon architektury Wrocławia*, Eysymontt R., Ilkosz J., Tomaszewicz A., Urbanik J. (red.), Wrocław 2011. 6. Weichert, K., *Miasteczka polskie jako zagadnienie urbanistyczne*, Warszawa 1947. 7. Wróblewski, S., *Posadzka urbanistyczna w historycznych wnętrzach urbanistycznych* - problemy ochrony, współczesne rozwiązania, Zeszyty Naukowe Państwowej Wyższej Szkoły Zawodowej im. Witelona w Legnicy (Scientific Papers of the Witelon University of Applied Sciences in Legnica), 2018, nr 4, s. 123-142. 8. *Zabytki urbanistyki i architektury w Polsce*, Zin, W. (red.), t.1, Miasta historyczne, Kalinowski, W. (red.), Warszawa 1986. |

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| **COURSE SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)** |
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