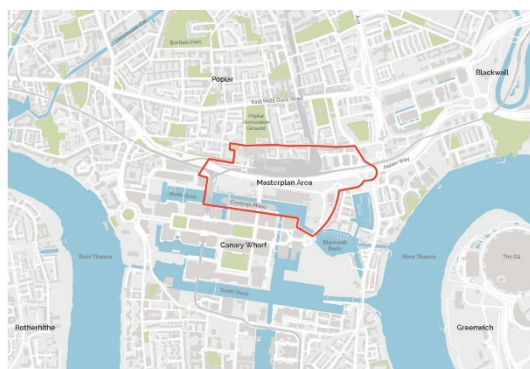




Semester : I	ARCHITECTURAL AND URBAN PROJECT I PG_00057085	ECTS: 10
Studies : Master degree		Year.: 2026/2027

Department of Housing Architecture **KAM**
Department of Urban Transformation Studies **KTM**

Supervisor KAM:

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Supervisors KTM:

Michał Leszczyński, Ph. D, Eng. Arch.

LONDON RETROFIT: BILLINGSGATE MARKET.

Academic Track: Economic Policy / Economics / Social Issues

The project for this semester will involve collaborating with the City of London (Westminster part) to conduct design research on the development, architecture, and urban revitalization of the Billingsgate Market area. **This project is in partnership with Westminster City Council.**

In the Canary Wharf district of London, some sites are not being fully utilized due to various constraints, so they have not been developed yet.

This year's edition constitutes a continuation of our collaboration with the authorities of the City of Westminster, London. Last year, the London council identified four degraded sites. This year, we concentrate on the Canary Wharf district with the area of Billingsgate Market facilities. The goal is to promote sustainable growth, regenerate the neglected zones by providing the city with new facilities, services, homes, job opportunities, and accessible public spaces. We will concentrate on architectural and urban heritage and potential characteristics of the Market area. The Westminster Council aims to provide specific guidance for each site, complementing the existing policies outlined in the City Plan. This guidance will help protect the land for specific purposes such as residential, commercial, community, or open space use.

For more information, please see:

<https://talk.towerhamlets.gov.uk/southpoplar>

Dr. Ksenia Piątkowska and Dr. Michał Leszczyński are our practicing designers, known for numerous projects in Poland and abroad.

This project offers our students the opportunity to gain practical experience in an international academic and professional environment. They will be contributing to the development of innovative urban solutions in challenging urban conditions. These studies also provide an excellent opportunity to test the "Retrofit First" policy in real-life conditions.

The main goal in the urban part of the designed concept is to

increase density and connect existing and new places. The final scope of the urban design will result directly from the design decisions made during the classes.

The urban part should include:

- analysis of the area,
- selection of urban solutions adequate to the developed functional scheme;
- communication solutions related to traffic organization, ecological transport, and traffic slowdown (emphasizing key compositional axes, potential change of the road system, watercourses, new city squares, connecting both banks of watercourses, bicycle routes, parking space solutions),
- development of a new urban framework for the designed area (proposals for new volumes, complement of the existing buildings, including street frontages, shaping urban interiors, etc.) with particular emphasis on the urban composition principles.

The results of the projects are to demonstrate awareness of the impact and social significance of the proposed changes and to apply a pro-ecological approach to architectural and urban solutions. Particular attention should be paid to improving the quality of space and the image of the place, solutions for green areas, the use of pro-ecological materials, energy efficiency, and rational water management.

The project will be carried out in groups of 3-4 persons.

Purpose of the subject:

The classes aim to develop the skills to carry out the design process simultaneously in the field of architecture and urban planning, focused on the revitalization of existing urban structures.

After completing the multilateral cooperation-based education cycle, the student will be able to:

- define the problematic scope of architectural and urban revitalization,
- perform an in-depth analysis of selected city spaces, recognize their multi-faceted conditions, diagnose problems and determine potential,
- make proper design decisions resulting from analyses and the original functional program,
- present solutions on an urban and architectural scale clearly and completely,
- solve in detail the function and form of an architectural object that complements the space in question and harmoniously fits into the existing context.

Recommended literature:

Before starting work on the revitalization project, it is recommended to read the following books:

- Sim David *Miasto życiowe*, 2020
- Charles Montgomery, *Miasto szczęśliwe, Jak zmienić nasze życie, zmieniając nasze miasta*, 2015
- Janette Sadik-Khan, *Walka o ulice, Jak odzyskać miasto dla ludzi*, 2019
- Quentin Stevens, *Activating Urban Waterfronts. Planning and Design for Inclusive, Engaging, and Adaptable Public Space*, 2020
- Jeff Speck, *Walkable City*, 2013.
- New Leipzig Charter
https://ec.europa.eu/regional_policy/en/information/publications/brochures/2020/newleipzig-charter-the-transformative-power-of-cities-for-the-common-good
- EUROPAN – Europe <https://www.euopan-europe.eu/en/>
- [City Plan Partial Review | Westminster City Council](#)