

Course syllabus for ERASMUS+ incoming students

Course Title	
Architecture and Urban Planning	
Academic Teacher	Piotr Sobierajewicz, PhD
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ECTS credits	2
Number of hours	60
Course code	INT-IPB-AUP-26
Course description	
Architecture urban and planning covering issues related to the history of architecture and urban planning. The aim of the course is to develop students sensitivity and skills in looking at architectural and urban objects, as well as describing the actual state, trends and architectural styles. Students learn the basic concepts related to architecture and urban planning, the principles of spatial composition and planning.	
Learning outcomes - course content	
1. The history of city development in Poland, 2. Urban planning and architecture as a branch of technical sciences-terminology, basic concepts. 3. City-building factors, development of cities in different eras (Antiquity, Middle Ages, Renaissance, Baroque, modern city) 4. Urban model of the city - structure and function of the city. 5. Types of areas in the spatial structure of the city and their location 6. Polish urban planning: an overview of the most important trends in city planning in Poland; 7. Regionalism in architecture 8. Rules of urban and architectural composition; styles in architecture; trends in contemporary architecture. Knowledge 1. Describe spatial planning, urban planning and architecture, as well as their connection to the economy and their impact on the environment.	

- Has in-depth and well-organized knowledge of the history of city development in Poland and Europe - Distinguishing and classifying architectural design styles and rules Skills - Designing an urban model; having the necessary skills in building modernization and maintenance. - Mastery of the ability to communicate in a foreign language, including knowledge of technical language elements in the field of construction Competences - Demonstrate construction problems in the architecture of cities and villages, related to working as a civil engineer
Student workload (self-study description)
- Taking part in classes (30 hours) - Reading assigned literature, scientific articles, and case studies related to architecture and urban planning. Reviewing lecture materials and preparing for examinations (15 hours), - Preparing the project: (15 hours) - Preparing individual and group assignments, including a sample housing estate development project and urban greenery as a way to improve quality of life.
Literature
A. Friedman: Fundamentals of Sustainable Urban Design, Springer (2021) M. Fletcher, R. Polley: Architectural Styles: A Visual Guide, Princeton University, 2021 - Magazines: Journal of Architecture, Architectural Histories, Architectural Design.