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Learning outcomes - Interdisciplinary Summer School - Effective Solutions for Sustainable Buildings in Cities

Competencies		
Knowledge: knows and understands	WUE_W01	The participant knows contemporary trends, standards, rules and guidelines for the design in construction technologies and their impact on the architectural form of buildings
	WUE_W02	The participant knows and understands influence of greenery ecosystem services in the city, solutions of blue-green infrastructure and types of urban greenery
	WUE_W03	The participant knows and understands selected aspects of energy-efficient buildings design
Skills: is able to…	WUE_U01	The participant use scientific, popular science and industry literature, subject standards, legal acts, internet databases in English language; properly use the information obtained, as well as formulate and present opinions
	WUE_U02	The participant properly select the technical conditions for designing buildings in relation to climatic conditions in order to design selected building elements of the facility and building systems
	WUE_U03	The participan use acquired knowledge for critical analysis, synthesis, creative interpretation and presentation of issues in the field of environmental engineering and modern construction
Social competence: is ready to..	WUE_K01	The participant analyze the content obtained from various sources, as well as to critically evaluate it and use it in professional work
	WUE_K02	The participant consciously apply non-technical aspects of engineering activity and consider its impact on the environment and the related responsibility for the decisions taken

Learning outcomes	Verification criterion
WUE_W01-WUE_W03	The participant is familiar with the principles, standards, and guidelines, appropriate methods and tools, as well as selected topics in green building solutions, HVAC systems, and renewable energy sources (RES) in sustainable buildings
WUE_U01-WUE_U03	The participant is able to appropriately select and use the learned methods and tools, correctly choose data and technical conditions for building design with regard to climatic conditions, and properly propose solutions dedicated to the design of energy-efficient buildings.
WUE_K01-WUE_K02	The participant is able to work in an international team, communicate effectively, and understands the importance of innovation in sustainable construction.

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