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Course title: TOURIST AND RECREATIONAL FUNCTION OF BROWNFIELDS SITES

ECTS credit allocation (and other scores): 2.0 ECTS

Semester: autumn

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Social sciences

Language: English

Number of hours per semester: 30

Course coordinator/ Department and e-mail: dr hab. inż. Andrzej Skrzypczak, prof. UWM

Type of classes: classes and lectures

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#### Substantive content

CLASSES: Social attitudes towards the natural environment in degraded post-industrial areas on selected examples. Study of functional and dysfunctional examples of reclamation solutions. Principles of designing tourist and recreation functions of post-industrial areas. Revitalization of buildings in factory and military complexes. Socio-economic determinants of reclamation and revitalisation processes. Ecological aspects of reclamation in recreational direction.

LECTURES: Identification and definition of the degree of dysfunction of degraded areas. Transformed landscapes. Methods reclamation of post-industrial and post-mining areas. Natural and economic basis for selection reclamation methods. Factors and criteria for choosing the right direction for reclamation. Classification and examples reclamation directions for the development of tourism and recreation. Basics of land reclamation in the direction of water. Study of the suitability of land to perform the function of tourism and recreation.

Learning purpose: Theoretical and practical knowledge of the ways and methods of tourism and recreational use of post-industrial and post-mining areas.

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On completion of the study programme the graduate will gain:

Knowledge: He knows and understands social, economic and social conditions of tourism and recreation development on the following levels post-industrial areas

Skills: He skillfully uses the acquired knowledge to solve problems related to the restoration of the ecological and functional function of post-industrial areas with particular emphasis on the tourism and recreation function;

Social Competencies: Is aware of the interdisciplinary nature of the problem of restoring the ecological and functional function of brownfield sites and of the need to cooperate with experts and broaden its own knowledge in this field for the protection and development of environmental resources

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Basic literature: 1) Greinert A., Protection and remediation of urban areas, wyd. Wyd. Polit. Zielonogórskiej, 2000, s. 216; 2) Paulo A., Natural limitations of the choice of the direction of development of post-mining areas, wyd. wyd. Gosp. Sur. Miner., 2008, t. t.24-Z2/3, s. 9-40; 3) Witczak S., Adamczyk A., Forecast of hydrogeological effects of liquidation of the Sulphur Mine "Machów" excavation - hydrothermal part., wyd. wyd. AGH, Kraków, 2006

Supplementary literature: Biernacka E., Use of post-industrial sites for tourism purposes, wyd. KNUV, 2015, t. 3(45),

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The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 1.28

Student's independent work: 0.72