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| **Course title:** | Landscaping |
| **Course title in Polish:** | Kształtowanie krajobrazu |
| **Course for discipline:** | Civil engineering and transportation, mechanical engineering, environmental engineering, mining and energy |

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| **Semester:** | 5 | **Status of course:** | faculty | **Language:** | english |
| **Academic year:** | | **Catalog number:** | | | |

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| **Coordinator of course:** | Prof. dr hab. Axel Schwerk |
| **Lecturer od course:** | Coordinator, workers of the Department of Landscape Architecture |
| **Executing unit:** | Centre for Climate Research SGGW |
| **Ordering unit:** | Doctoral School SGGW |
| **Assumptions, goals and description of the course:** | Assumptions and goals:<br>The subject has the aim to prepare the doctoral student to understand basic landscape concepts, identify problems related to landscape shaping, simple methods of landscape assessment and landscape designs, and familiarize him with contemporary trends in landscape shaping.<br>Description of classes:<br>The content of the exercises covers the following aspects of landscape architecture and landscape shaping: social and public, cultural relating to the concept of genius loci, taking into account material and intangible values encoded in the landscape, differentiating in the process of cultural changes conditioned by current religious, philosophical and scientific trends, as well as issues of ecological landscape and landscape shaping in the context of strategic documents.<br>Each topic ends with an individually prepared, textual or textual-drawing elaboration. |
| **Didactic form, number of hours:** | Exercises, 10 hours |
| **Teaching methods:** | Case studies, site visit, discussion, consultations |
| **Limit of people in the group:** | 15 |

**Learning outcomes**

| **KNOWLEDGE - the graduate knows and understands:** | **SKILLS - the graduate is able to:** | **COMPETENCES - the graduate is ready to:** |
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| To the extent enabling to revise the existing pradigms in the field/discipline - the world achievments, gathering theoretical background as well as general and selected detailed issues | Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline | Critically evaluate the achievments in the field/discipline represented |
| Major general development trends in the field/discipline | | Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect |
| | | Support the ethos of scientific circles and conduct independent research |

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| **The method of verification of learning outcomes:** | Assessment of partial and semester work, group discussion. |
| **Form of documentation of achieved learning outcomes:** | Semester work on electronic media, doctoral student evaluation sheet |
| **Elements and weights of the final grade:** | Each elaboration contributes equally (= 20 %) to the final grade (mean grade of the grades for the individual elaborations). |
| **Place of the course:** | Lecture room |

**Basic and supplementary literature**


1.Schwerk, A., 2016, Architektura krajobrazu z perspektywy ekologicznej / Landscape architecture from an ecological perspective. Sztuka Ogrodu, Sztuka Krajobrazu 14, 105-115, 117-127.
2. Gawryszewska B.J., Królikowski J.T., 2004, „Społeczno-kulturowe podstawy gospodarowania przestrzenią. Wybór tekstów.", Wyd. SGGW, Warszawa
3. Hammersley M., Atkinson P., 2000, Metody Badań Terenowych, Zysk i s-ka, Poznań
4. Van Der Brink A., Bruns D., Tobi H., Bell S., 2017, Research in Landscape Architecture. Methods and Methodology. Routlege, London and New York
5. Papież Franciszek, 2015, Encyklika Laudato Si. Watykan
6. Salwa Mateusz, 2016, Estetyka ogrodu. Między sztuką a ekologią, Oficyna, Warszawa


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| **Comments:** | none |

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| **Estimated number of hours of work of the doctoral student necessary to achieve the assumed learning outcomes:** | 15 |

**Leraning outcomes reference to the second degree characteristics of the National Qualification Framework (level 8) covering doctoral competences:**

| **Symbol:** | **Learning outcomes:** | **8 level NQF** |
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| SD1_KW01 | To the extent enabling to revise the existing pradigms in the field/discipline - the world achievments, gathering theoretical background as well as general and selected detailed issues | P8S_WG |
| SD1_KW02 | Major general development trends in the field/discipline | P8S_WG |
| SD1_KU05 | Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline | P8S_UW |
| SD1_KK01 | Critically evaluate the achievments in the field/discipline represented | P8S_KK |

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| SD1_KK03 | Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect | P8S_KK |
| SD1_KK08 | Support the ethos of scientific circles and conduct independent research | P8S_KR |