**SYLLABUS**

**regarding the qualification cycle FROM 2021TO 2023**

1. Basic Course/Module Information

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| --- | --- |
| Course/Module title | *Smart cities* |
| Course/Module code \* |  |
| Faculty (name of the unit offering the field of study) | College of Social Sciences |
| Name of the unit running the course | *Institute of Sociological Sciences* |
| Field of study | Sociology, Social Work |
| Qualification level  | BA, MA |
| Profile |  |
| Study mode | *Full time* |
| Year and semester of studies | *2023/2024 Summer semester* |
| Course type | *Classes* |
| Language of instruction | English |
| Coordinator |  |
| Course instructor | *Hubert Kotarski* |

\* - as agreed at the faculty

1.1.Learning format – number of hours and ECTS credits

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Semester(n0.) | Lectures | Classes | Colloquia | Lab classes | Seminars | Practical classes | Internships | others | **ECTS credits**  |
| 2 |  | 30 |  |  |  |  |  |  | 5 |

1.2. Course delivery methods

- conducted in a traditional way

- involving distance education methods and techniques

1.3. Course/Module assessment (exam, pass with a grade, pass without a grade)

pass with a grade

2. Prerequisites

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| - know and understand the basic social, economic, institutional, legal, cultural and ethical determinants of public and social life;- have the ability to prepare written works and oral presentations with the use of multimedia techniques concerning social problems. |

3. Objectives, Learning Outcomes, Course Content, and Instructional Methods

3.1. Course/Module objectives

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| --- | --- |
| O1 | The aim of the course is to familiarize students with new concepts concerning urban development. |
| O2 | The aim of the course will be to expand students' competences in the field of socio-cultural, urban and technological dimensions of a smart city. |

3.2. Course/Module Learning Outcomes (to be completed by the coordinator)

|  |  |  |
| --- | --- | --- |
| Learning Outcome | The description of the learning outcome defined for the course/module | Relation to the degree programme outcomes |
| LO\_01 | The student knows the dimensions and trends related to the construction of smart cities and is able to analyze them in relation to the changing needs of the modern world. |  |
| LO\_02 | The student knows how to communicate on topics related to the subject of smart cities and is ready to conduct a debate using specialist knowledge in the field of the quality of life in smart cities. |  |
| LO\_03 | The student is ready to inspire and implement activities for the benefit of the social environment through the implementation of the Smart city idea. |  |

**3.3. Course content (to be completed by the coordinator)**

1. Lectures

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| Content outline |
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1. Classes, tutorials/seminars, colloquia, laboratories, practical classes

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| Content outline  |
| Introduction to the subject of smart cities - theories, concepts and definitions. |
| Dimensions - socio-cultural, urban and technological - Smart City. |
| Changes in trends related to the Smart City concept with particular emphasis on the quality of life in the city |
| From a creative city to a happy city. |
| Smart city and citizenship of the future. |
| Smart city and cultural aspects of sharing. |
| Tools for assessing the city's smart. |

3.4. Methods of Instruction

Project work, group work (problem solving, case study, discussion)

4. Assessment techniques and criteria

4.1 Methods of evaluating learning outcomes

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| --- | --- | --- |
| Learning outcome | Methods of assessment of learning outcomes (e.g. test, oral exam, written exam, project, report, observation during classes) | Learning format (lectures, classes,…) |
| LO\_01 | Project, report, observation during classes | Classes |
| LO\_02 | Project, report, observation during classes | Classes |
| LO\_03 | Project, report, observation during classes | Classes |

4.2 Course assessment criteria

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| The condition for passing the seminar is obtaining a positive grade for an individual project (written work - a project concerning examples of cities in the world developed in accordance with the smart city concept).Rating weight:1. Substantive evaluation of the project (weight 3) - minimum 3.0 for the submitted project.2. Partial grades from individual and group work in class and activity in discussions (weight 1). |

5. Total student workload needed to achieve the intended learning outcomes

– number of hours and ECTS credits

|  |  |
| --- | --- |
| Activity | Number of hours |
| Scheduled course contact hours | 30 |
| Other contact hours involving the teacher (consultation hours, examinations) | 15 |
| Non-contact hours - student's own work (preparation for classes or examinations, projects, etc.) | 80 |
| Total number of hours | 125 |
| Total number of ECTS credits | 5 |

\* One ECTS point corresponds to 25-30 hours of total student workload

6. Internships related to the course/module

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| --- | --- |
| Number of hours | *----------* |
| Internship regulations and procedures | *----------* |

7. Instructional materials

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| Compulsory literature:McLaren D., Agyeman J., 2015, Sharing Cities. A Case for Truly Smart and Sustainable Cities, Cambridge: MIT Press |
| Complementary literature: Haque U., 2012, What is a city that it would be ‘smart’? Volume #34: City in a Box. Komninos N., 2015,The Age of Intelligent Cities. Smart environments and innovation-for-all strategies, Routledge, 2015.Mitchell W.J., Smart City 2020, Metropolis 2006Montgomery Ch., Happy City: Transforming Our Lives Through Urban Design, Penguin Books, 2015Sim D., Soft City: Building Density for Everyday Life ,Island Press, 2019. |

Approved by the Head of the Department or an authorised person