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| **Course code** | CC7 |
| **Type and description** | CC – program framework for discipline „management and quality sciences” |
| **ECTS credit** | 1 |
| **Course name** | **Research methodology in management and quality sciences – part 2** |
| **Course name in Polish** | **Metodologia badań w naukach o zarządzaniu i jakości – część 2** |
| **Language of instruction** | English |
| **Course level** | 8 PRK |
| **Course coordinator**  | **Dr hab. inż. Agnieszka Zakrzewska – Bielawska, prof. PŁ (0000-0001-8182-3591)** |
| **Course instructors** | **Dr hab. Anna Adamik (**[**0000-0002-6007-5675**](https://orcid.org/0000-0002-6007-5675)**)****Dr hab. inż. Magdalena Grębosz-Krawczyk (**[**0000-0001-8339-2270**](https://orcid.org/0000-0001-8339-2270)**)****Dr hab. inż. Marek Matejun, prof. PŁ (**[**0000-0003-4885-2344**](https://orcid.org/0000-0003-4885-2344)**)** |
| **Delivery methods and course duration** |

|  | **Lecture** | **Tutorials** | **Laboratory** | **Project** | **Seminar** | **Other** | **Total of teaching hours during semester** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Contact hours | 0 | 15 | 0 | 0 | 0 | 0 | 15 |
| E-learning | No | No | No | No | No | No |  |
| Assessment criteria (weightage) | 0 | 1 | 0 | 0 | 0 | 0 |  |

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| **Course objective** | 1. Familiarizing PhD-students with the rules of research methodology in social sciences, especially in the management and quality sciences.
2. Familiarizing PhD-students with quantitative and qualitative research methods, techniques and tools.
3. Formation the skills for providing scientific research in the field of management and quality sciences.
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| **Learning outcomes** | After completing the course, PhD-student is able to:1. prepare a research procedure for a specific problem in the field of management and quality sciences - outcomes W1, U1, K1
2. select adequate quantitative and qualitative research methods - outcomes W1, U2, U3
3. develop research results and draw conclusions from them - outcomes W1, U2, U3, K1
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| **Assessment methods** | Verification methods of learning outcomesoutcomes 1 and 2 - written testoutcomes 2 and 3 – presentation of the chosen method of social research and results of pilot studies with its applicationThe final grade consists of:The result of the written test - 40%Presentation of the chosen method of social research - 40%Presentation of pilot research results - 20% |
| **Prerequisites** | Knowledge of the basic literature in the field of management and quality sciences |
| **Course content with delivery methods** | TUTORIALS1. Epistemology and methodology of scientific research
2. Methodological rigor
3. Methods, techniques, tools and research procedures in social sciences. Methodological polymorphism and triangulation of research methods.
4. Stages of research in modern science about management and quality.
5. Quantitative methods in social sciences
6. Qualitative methods in social sciences
7. Development of research results and rules for inferencing in the discipline of management and quality sciences
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| **Basic reference materials** | 1. Kumar R., Research Methodology. A step-by-step Guide for Beginners, Sage Publications Ltd, London 2011.
2. Bryman A, Bell E., Business Research Methods, Oxford University Press, Oxford 2011.
3. Saunders M., Lewis P., Thornhill A., Research Methods for Business Students, Pearson Education Limited, Edinburgh 2009.
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| **Other reference materials** | 1. Khan J.A., Research Methodology, APH Publishing Corporation, New Delhi 2011.
2. Bergh D.D., Ketchen D.J. (eds.), Research Methodology in Strategy and Management, Emerald Group Publishing Limited, UK 2009.
3. Czakon W. (red.), Podstawy metodologii badań w naukach o zarządzaniu, Oficyna a Wolters Kluwer business, Warszawa 2015.
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| **Average student workload outside classroom** | 20h |
| **Comments** | - |
| **Last update** | 10.04.2019 |