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| **Course code** | CC5 |
| **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 1** |
| **Course name in Polish** | **Metodologia badań w naukach o zarządzaniu i jakości – część 1** |
| **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 (O**[**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 | 0 | 0 | 15 | 0 | 0 | 15 | | E-learning | No | No | No | No | No | No |  | | Assessment criteria (weightage) | 0 | 0 | 0 | 1 | 0 | 0 |  | |
| **Course objective** | 1. To enable acquiring knowledge and skills in searching and formulating research problems in social sciences, especially in the management and quality sciences |
| **Learning outcomes** | After completing the course, PhD-student is able to:   1. define cognitive gaps in relation to a specific area of social sciences - outcomes W1, U1, K1 2. formulate a research problem, put forward hypotheses and research questions - outcomes W1, U1, U2, K1 3. select and apply the discussed methods of literature review - outcomes W1, U1, U2, U3, K1 |
| **Assessment methods** | Verification methods of learning outcomes  outcomes 1 - 3 - project  Final grade – 100% project |
| **Prerequisites** | Not applicable |
| **Course content with delivery methods** | COMPUTER LABORATORY   1. Searching for cognitive gaps 2. Principles of formulating research problems, goals, hypotheses and research questions 3. Scientific databases and their resources 4. Method of analysis and criticism of the literature 5. Methodology of systematic literature review 6. Meta-analysis |
| **Basic reference materials** | 1. Booth A., Sutton A., Papaioannou D., Systematic Approaches to a Successful Literature Review, Sage Publications Ltd, London 2016 2. [Jesson](https://www.google.pl/search?hl=pl&tbo=p&tbm=bks&q=inauthor:"Jill+Jesson") J., [Matheson](https://www.google.pl/search?hl=pl&tbo=p&tbm=bks&q=inauthor:"Lydia+Matheson") L.,  [Lacey](https://www.google.pl/search?hl=pl&tbo=p&tbm=bks&q=inauthor:"Fiona+M+Lacey") F.M., Doing Your Literature Review: Traditional and Systematic Techniques, Sage Publications Ltd, London 2011 3. Saunders M., Lewis P., Thornhill A., Research Methods for Business Students, Pearson Education Limited, Edinburgh 2009. |
| **Other reference materials** | 1. Bryman A, Bell E., Business Research Methods, Oxford University Press, Oxford 2011. 2. Kumar R., Research Methodology. A step-by-step Guide for Beginners, Sage Publications Ltd, London 2011. 3. Czakon W. (red.), Podstawy metodologii badań w naukach o zarządzaniu, Oficyna a Wolters Kluwer business, Warszawa 2015. |
| **Average student workload outside classroom** | 20h |
| **Comments** | - |
| **Last update** | 10.04.2019 |