## Karta modułu/przedmiotu

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| Wypełnia Zespół Kierunku | Nazwa modułu (bloku przedmiotów):  **PRZEDMIOTY KIERUNKOWE** | | | | | | Kod modułu: C | | |
| Nazwa przedmiotu: **RESEARCH METHODS IN PSYCHOLOGY** | | | | | | Kod przedmiotu: C/30 | | |
| Nazwa jednostki organizacyjnej prowadzącej przedmiot / moduł:  **INSTYTUT PEDAGOGICZNO-JĘZYKOWY** | | | | | | | | |
| Nazwa kierunku: **PSYCHOLOGIA** | | | | | | | | |
| Moduł: **psychologia wychowawczo-edukacyjna/ psychologia kliniczna i zdrowia** | | | | | | | | |
| Forma studiów: **STACJONARNE** | | | Profil kształcenia:  **PRAKTYCZNY** | | | Poziom kształcenia: **jednolite studia magisterskie** | | |
| Rok / semestr**: II/3** | | | Status przedmiotu /modułu:  **OBOWIĄZKOWY** | | | Język przedmiotu / modułu:  **POLSKI/ENGLISH** | | |
| Forma zajęć | wykład | ćwiczenia | | laboratorium | projekt | | seminarium | inne  (wpisać jakie) |
| Wymiar zajęć (godz.) | **30** | **45** | |  |  | |  |  |

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| Course coordinator\* | dr Judyta Borchet |
| Lecturer\* | dr Judyta Borchet |
| Learning objective of the course | Introducing students to the basics of research methodology and planning and conducting empirical research using quantitative and qualitative methods. Shaping the ability to analyze the collected empirical data, correctly formulate conclusions, and present them in a written form, using modern technologies. |
| Prerequisites | General psychology |

*\* The change of the subject coordinator and course instructor is made by the Director of the Institute after approval of the Vice-Rector for Education. The new subject coordinator and course instructor confirm that they have familiarized themselves with the content of the course.*

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| **LEARNING OUTCOMES** | | |
| Number of the learning outcome/groups of outcomes | Learning outcome description | Code of the learning outcome |
| 01 | The student knows and understands the issues concerning the sources and essence of the scientific method in the system of methodological sciences and its relationship to psychology and other scientific disciplines. | PS\_W01 |
| 02 | The student knows and understands at an extended level the methodological terminology used in psychology; knows the research orientations and strategies, research methods, forms of measurement used in the social sciences, and their practical application. | PS\_W02  PS\_W03 |
| 03 | The student knows and understands issues on ethical principles and norms used in psychological research. | PS\_W09 |
| 04 | The student has developed research skills: they can distinguish orientations in psychological research methodology, formulate complex and unusual research problems and hypotheses, select appropriate research methods, research tools, construct research tools; develop, present and interpret research results, draw conclusions and indicate practical application of research results. | PS\_U05 |
| 05 | The student is able to present their own views, observations and suggestions, and formulate arguments based on collected empirical data. | PS\_U10 |
| 06 | The student is able to use specialized information and communication technology to obtain data and acquire knowledge independently. | PS\_U15 |
| 07 | The student can work independently and in a research team, planning and carrying out an empirical study using quantitative and qualitative methods, research tasks, and practical undertakings appropriate to psychology. | PS\_U16 |
| 08 | The student has a deepened awareness of the level of their knowledge and research skills and their importance in solving professional problems. | PS\_K01 |
| 09 | The student is prepared to act in accordance with the values, goals, and objectives pursued in the practice of psychological research, taking into account the achievements and ethos of the discipline. | PS\_K06 |

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| **COURSE CONTENT** |
| **Lecture** |
| 1 Psychology as an empirical science  2. Variables and their operationalization  3. Research problems and hypotheses  4. The structure of the research process in psychology  5. Models of psychological research  6. Quantitative research in psychology  7. Descriptive research methods: observation, correlational studies, non-invasive behavioral measurements;  8. Experiments: independent groups experiment, experiment with repeated measurement, complex experimental plans  9. Applied research: single case study plans, quasi-experimental plans and program evaluation  10. Qualitative research in psychology  11. Mixed research methods  12. Ethics in scientific psychological research  13. Communication of research results: written report, poster and oral presentation |
| **Exercise/practice** |
| 1. The organization of the process of empirical research in psychology  2. Models of psychological research – differentiating among them  3. Research questions and hypotheses - principles of formulation  4. Design and conduct of psychological research  5 The basics of statistical inference  6 Interpretation of the results of the psychological study  7. Editing a written report on empirical research in psychology. Communication of research results.  8. Working with scientific literature: databases of scientific articles, open repositories, and scientific search engines |
| Laboratory |
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| Project |
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| **Seminar** |
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| **Other** |
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| Basic literature\* | * American Psychological Association. (2020). *Publication manual of the American Psychological Association 2020: the official guide to APA style* (7th ed.). American Psychological Association. * Babbie, E. R. (2014). *The basics of social research.* Sixth edition. Wadsworth, Cengage Learning. * Shaughnessy, J. J., Zechmeister, E. B., & Zechmeister, J. S. (2003). *Research Methods in Psychology*, McGraw-Hill. |
| Supplementary literature\* | * Etengoff, C. (2023). Reframing Psychological Research Methods Courses as Tools for Social Justice Education. *Teaching of Psychology*, *50*(2), 184-190. * Finkel, E. J., Eastwick, P. W., & Reis, H. T. (2015). Best research practices in psychology: Illustrating epistemological and pragmatic considerations with the case of relationship science. *Journal of Personality and Social Psychology*, *108*(2), 275–297. <https://doi.org/10.1037/pspi000000> * Henrich, J., Heine, S. J., & Norenzayan, A. (2010). The weirdest people in the world?. *The Behavioral and Brain Sciences*, *33*(2-3), 61–135. https://doi.org/10.1017/S0140525X0999152X * Schwab, S., Janiaud, P., Dayan, M., Amrhein, V., Panczak, R., Palagi, P. M., Hemkens, L. G., Ramon, M., Rothen, N., Senn, S., Furrer, E., & Held, L. (2022). Ten simple rules for good research practice. *PLoS Computational Biology*, *18*(6), e1010139. https://doi.org/10.1371/journal.pcbi.1010139 |
| Methods of stationary education | Informative, problem-based lecture with multimedia presentation Discussion Case study Course exercises/practice: quizzes; work with text; work on group research projects: designing and preparing a research project, conducting an empirical study, and presenting its results in the form of a written report on the study, in accordance with the editing standards adopted in scientific psychology journals Expository methods: educational film Instructional methods: group presentations by students |
| Educational methods using distance learning methods and techniques | Online meetings using MS Teams. |

\* *The literature might be changed once accepted by the Head of the Institute.*

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| Methods of verifying learning outcomes | | Nr efektu uczenia się/grupy efektów |
| Research project | | 04-07 |
| Research project presentation | | 05-06 |
| Activity in class - quizzes | | 01-09 |
| Test with closed and open questions | | 01-04 |
| Forms and conditions of passing the course/credit | Written exam  Credit for exercises - test 30%, project 45%, quizzes 25% | |

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| **NAKŁAD PRACY STUDENTA** | | | |
| Rodzaj działań/zajęć | Liczba godzin | | |
| Ogółem | W tym zajęcia powiązane  z praktycznym przygotowaniem zawodowym | W tym udział w zajęciach przeprowadzanych z wykorzystaniem metod i technik kształcenia na odległość |
| Udział w wykładach | 30 | - | 10 |
| Samodzielne studiowanie | 25 | - |  |
| Udział w ćwiczeniach audytoryjnych i laboratoryjnych, warsztatach, seminariach | 30 | 20 |  |
| Samodzielne przygotowywanie się do ćwiczeń | 30 | 15 |  |
| Przygotowanie projektu / eseju / itp. | 30 | 25 |  |
| Przygotowanie się do egzaminu / zaliczenia | 25 | 10 |  |
| Udział w konsultacjach | 5 |  | 5 |
| Inne |  |  |  |
| **ŁĄCZNY nakład pracy studenta w godz.** | 175 | 70 | 15 |
| **Liczba punktów ECTS za przedmiot** | **7** | | |
| Liczba punktów ECTS związana z zajęciami praktycznymi | **2,8** | | |
| Liczba punktów ECTS związana z kształceniem na odległość (kształcenie z wykorzystaniem metod i technik kształcenia na odległość)[[1]](#footnote-1) | **0,6** | | |
| Liczba punktów ECTS za zajęciach wymagające bezpośredniego udziału nauczycieli akademickich | **3,6** | | |

1. W przypadku zajęć kształtujących umiejętności praktyczne metody i techniki kształcenia na odległość mogą być wykorzystywane pomocniczo [↑](#footnote-ref-1)