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| FACULTY: | Faculty of Humanities |
| FIELD OF STUDY: | Pedagogical Studies |
| ERASMUS COORDINATOR OF THE FACULTY: | Anna Hajek, MA  Wiesław Trojanowicz, MA |
| E-MAIL ADDRESS OF THE COORDINATOR: | Anna.hajek[@tu.koszalin.pl](mailto:jolanta.sypianska@tu.koszalin.pl)  [trojanowicz@op.pl](mailto:trojanowicz@op.pl) |
| COURSE TITLE: | Logic in pedagogical research |
| LECTURER’S NAME: | Bogdan Gębski, PhD |
| E-MAIL ADDRESS OF THE LECTURER: | [bgebski@sz.home.pl](mailto:bgebski@sz.home.pl) |
| ECTS POINTS FOR THE COURSE: | 2 |
| ACADEMIC YEAR: | **2020/2021** |
| SEMESTER:  (W – winter, S – summer) | S |
| HOURS IN SEMESTER: | 15 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 2nd cycle |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | Lecture |
| LANGUAGE OF INSTRUCTION: | Polish |
| ASSESSMENT METOD:  (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | Written reports |
| COURSE CONTENT: | The course covers the following topics:  1. Basic concepts of logic.  2.learning phenomenon – definitione.  3. Algorithmic learning.  4. Inference – premises.  5. Basic questions in empirical sciences,  6. Relations between the explant and first plan,  7. Constructing a research model in the Polish cognitive tradition,  8. List of variables of the studied phenomenon,  9. Concept of phenomenon indicator  10. The value of the variable is an indicator,  11. Defining - definition and examples in pedagogy  12.Logic of the research process - hypotheses  13. Protocol sentences  14. Names and designations in pedagogy,  15. Classic propositional calculus - the problem of tautology,  16.The number of hypotheses depends on the number of variables - each is likely. Confirmation of the hypothesis based on empirical data. |
| ADDITIONAL INFORMATION: | 1.Gębski B., Socjologiczne problem tożsamości społecznej, (w:) Filozofia tożsamości pod red. J. Kojkoła, Wyd. Harmonia, Gdańsk 2007.  2. Popper K., Nieustanne poszukiwania. Autobiografia intelektualna, Wyd. ZNAK, Kraków 1997.  3. Wittgenstein L., Tractatus logico-philosophicus, Wyd.Nauk. PWN, Warszawa 2004.  4. Humbolt von W., O myśli I mowie, Wyd.Nauk. PWN, Warszawa 2002.  5. Woleński J., Logika I inne sprawy, Wyd. Copernicus Center Press I inn., Kraków-Rzeszów 2017. |

…… Bogdan Gębski 20 marca 2020..

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