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| FACULTY: | **Faculty of Mechanical and Energy Engineering** |
| FIELD OF STUDY: | **Energetics** |
| ERASMUS COORDINATOR OF THE FACULTY: | Łukasz Bohdal, DSc, PhD |
| E-MAIL ADDRESS OF THE COORDINATOR: | lukasz.bohdal@tu.koszalin.pl |
| COURSE TITLE: | **Basics of Engineering Researches** |
| LECTURER’S NAME: | Agnieszka Kułakowska, DSc, PhD |
| E-MAIL ADDRESS OF THE LECTURER: | [agnieszka.kulakowska@tu.koszalin.pl](mailto:agnieszka.kulakowska@tu.koszalin.pl) |
| ECTS POINTS FOR THE COURSE: | 3 |
| COURSE CODE (USOS): | 10S |
| ACADEMIC YEAR: | 2024/2025 |
| SEMESTER: (W – winter, S – summer) | S |
| HOURS IN SEMESTER: | 15+15 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 1st cycle |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | Lecture, practice |
| LANGUAGE OF INSTRUCTION: | * **English full time scheme for classes with 5 and more international Erasmus+ students enrolled/accepted;** * **English 50% individually with the teacher + Polish 50% with Polish students or individual project work- scheme for classes with less than 5 international Erasmus+ students enrolled/ accepted;** |
| ASSESSMENT METOD:  (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | Written exam |
| COURSE CONTENT: | Introduction to Determining the variation interval of factors tested. Adoption of class mathematical model. Coding of the factors examined. Implementation of proper research. Statistical analysis of test results. Decoding the regression function. Features regression underlying factors. Analysis of the test results. |
| ADDITIONAL INFORMATION: |  |

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