# **Course Offer 2025– 2026 Spring semester Institute of Mathematics**

**Erasmus+ Coordinator’s name: Renata Modzelewska-Łagodzin e-mail address: renata.modzelewska-lagodzin@uws.edu.pl**

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| **Course Title in Polish** | **Course Title in English** | **Cycle of studies** | **Field of study** | **Lecture hours**  **Duration** | **Class hours**  **Duration** | **Lab hours**  **Duration** | **ECTS credits** | **Lecturer’s name** | **Lecturer’s e-mail address** |
| Korelacja i regresja wielowymiarowa / Analiza regresji | Multiple Correlation and Regression / Regression Analysis | first-cycle studies | Data Analysis | 30 |  | 30 | 5 | A.Prusińska | [agnieszka.prusinska@uws.edu.pl](mailto:agnieszka.prusinska@uws.edu.pl) |
| Matematyka III | Mathemtics III | first-cycle studies | Computer Science | 15 | 30 |  | 3 | M. Jastrzębska | malgorzata.jastrzebska@uws.edu.pl |
| Podstawy Techniki Cyfrowej | Fundamentals of Digital Techniques | first-cycle studies | Computer Science | 15 |  | 24 | 2 | M. Siluszyk | [marek.siluszyk@uws.edu.pl](mailto:marek.siluszyk@uws.edu.pl) |
| Podstawy Miernictwa | Fundamentals of Metrology | first-cycle studies | Computer Science | 15 |  | 24 | 2 | M. Siluszyk | [marek.siluszyk@uws.edu.pl](mailto:marek.siluszyk@uws.edu.pl) |
| Rachunek różniczkowy | Differential Calculus | first-cycle studies | Mathematics | 45 | 60 |  | 9 | B. Piekart | bozena.piekart@uws.edu.pl |
| Algebra liniowa II | Linear Algebra II | first-cycle studies | Mathematics | 30 | 45 |  | 7 | M. Jastrzębska | malgorzata.jastrzebska@uws.edu.pl |
| Język angielski | English | first-cycle studies | Mathematics |  | 60 |  | 4 | S. Czajka | stanislaw.czajka@uws.edu.pl |
| Matematyka II | Mathematics II | first-cycle studies | Data Analysis | 30 |  | 60 | 8 | S. Kęska | sergiusz.keska@uws.edu.pl |
| MATLAB | MATLAB | first-cycle studies | Data Analysis | 15 |  | 45 | 5 | A.Gil-Świderska | agnieszka.gil-swiderska@uws.edu.pl |
| Metody numeryczne | Numerical methods | first-cycle studies | Data Analysis | 15 |  | 30 | 3 | D.Kozak-Superson | dorota.kozak-superson@uws.edu.pl |

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| Wybrane zagadnienia algebry | Selected topics in algebra | second-  cycle studies | Mathematics | 30 | 15 |  | 4 | A.Walendziak | andrzej.walendziak@uws.edu.pl |
| Analiza funkcjonalna | Functional Analysis | second-  cycle studies | Mathematics | 30 | 30 |  | 6 | V.Glavan | vasile.glavan@uws.edu.pl |
| Topologia | Topology | second-  cycle studies | Mathematics | 30 | 30 |  | 6 | E.Wajch | eliza.wajch@uws.edu.pl |
| Równania różniczkowe cząstkowe | Partial Differential Equation | second-  cycle studies | Mathematics | 30 | 30 |  | 6 | B.Medak | beata.medak#@uws.edu.pl |