# **Course Offer 2024 - 2025 Institute of Mathematics**

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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** |
| **Winter semester** |  |  |  |  |  |  |  |  |  |
| **Wstęp do logiki i teorii mnogości** | **Introduction to mathematical logic and set theory** | **first-cycle studies** | **Mathematics** | **30** | **45** |  | **6** | **E. Wajch** | [**eliza.wajch@uws.edu.pl**](mailto:eliza.wajch@uws.edu.pl) |
| **Równania różniczkowe zwyczajne** | **Ordinary differential equations** | **first-cycle studies** | **Mathematics** | **30** | **30** |  | **7** | **Vasile Glavan** | **vasile.glavan@uws.edu.pl** |
| **Fizyka dla informatyków** | **Physics** | **first-cycle studies** | **Computer Science** | **15** |  | **30** | **5** | **A. Gil-Świderska** | [**gila@uph.uws.pl**](mailto:gila@uph.uws.pl) |
| **Statystyka medyczna** | **Medical statistics** | **second-cycle studies** | **Nursing or Mathematics** | **15** | **25** |  | **4** | **A. Siłuszyk** | **agnieszka.siluszyk@uws.edu.pl** |
| **Ekonomia matematyczna** | **Mathematical economics** | **first-cycle studies** | **Mathematics** | **30** | **30** |  | **6** | **A. Siłuszyk** | **agnieszka.siluszyk@uws.edu.pl** |
| **Algebra liniowa I** | **Linear Algebra I** | **first-cycle studies** | **Mathematics** | **30** | **45** |  | **7** | **A.Walendziak** | [**andrzej.walendziak@uws.edu.pl**](mailto:andrzej.walendziak@uws.edu.pl) |
| **Matematyka dyskretna** | **Discrete Mathematics** | **first-cycle studies** | **Mathematics** | **30** | **30** |  | **6** | **S. Kęska** | **sergiusz.keska@uws.edu.pl** |
| **Statystyka matematyczna** | **Mathematical Statistics** | **first-cycle studies** | **Mathematics** | **30** |  | **30** | **6** | **A. Prusińska** | [**agnieszka.prusinska@uws.edu.pl**](mailto:agnieszka.prusinska@uws.edu.pl) |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Spring semester** |  |  |  |  |  |  |  |  |  |
| **Algebra liniowa II** | **Linear Algebra II** | **first-cycle studies** | **Mathematics** | **30** | **45** |  | **7** | **A.Walendziak** | [**andrzej.walendziak@uws.edu.pl**](mailto:andrzej.walendziak@uws.edu.pl) |
| **Podstawy techniki cyfrowej** | **Fundamentals of Digital Techniques** | **first-cycle studies** | **Computer Science** | **15** | **30** |  | **4** | **M. Siluszyk** | [**marek.siluszyk@uws.edu.pl**](mailto:marek.siluszyk@uws.edu.pl) |
| **Ekonometria** | **Econometrics** | **first-cycle studies** | **Mathematics** | **30** |  | **30** | **5** | **A. Siłuszyk** | **agnieszka.siluszyk@uws.edu.pl** |
| **Geometria analityczna** | **Analytic Geometry** | **first-cycle studies** | **Mathematics** | **30** | **30** |  | **6** | **B. Medak** | [**beata.medak@uws.edu.pl**](mailto:beata.medak@uws.edu.pl) |