

2025/2026 - list of courses for mobility students at the Faculty of Mathematics and Computer Science, University of Łódź

LP	Jednostka	Semestr	Kod przedmiotu	Nazwa przedmiotu	ECTS	Poziom (BA, MA, Optional)	Dziedzina ISCED	Język nauczania	Wymiar godzin	Typ zajęć (wykład, ćwiczenia, itp..)	Wykładowca
LP	Faculty	Semester	Course code	Name of the course	ECTS	Level (BA, MA, Optional)	ISCED code	Language of instruction	Hours	Type of classes (lecture, tutorial, etc.)	Lecturer
1.	Faculty of Mathematics and Computer Science	winter	1100-MA0WDLI-A	3D Modeling and Computer Animation	6	BA	0610	English	24+24	lecture + laboratory	dr Wioletta Karpińska
2.	Faculty of Mathematics and Computer Science	winter	1100-AA0UMM-Erasm	Abstract Algebra	5	MA	0541	English	28+28	lecture + discussion class	dr Szymon Brzostowski
3.	Faculty of Mathematics and Computer Science	winter	1100-TP0UEN	Advanced Programming Techniques	6	MA	0610	English	56	laboratory	dr Paweł Zajczkowski
4.	Faculty of Mathematics and Computer Science	winter	1100-AT0UEN	Algorithmic Techniques	5	MA	0610	English	28+28	lecture + laboratory	dr Aleksandra Zakrzewska
5.	Faculty of Mathematics and Computer Science	winter	1100-AL1ADLI-A	Algorithms I	5	BA	0610	English	28+28	lecture + laboratory	dr Jakub Olejnik
6.	Faculty of Mathematics and Computer Science	winter	1100-AI0UEN	Artificial Intelligence	6	MA	0610	English	28+28	lecture + laboratory	dr Marta Lipnicka
7.	Faculty of Mathematics and Computer Science	winter	1100-AZ0UMM-Erasm	Complex Analysis	5	MA	0541	English	28+28	lecture + discussion class	dr Maria Frontczak
8.	Faculty of Mathematics and Computer Science	winter	1100-PB0ADLI-A	Databases Fundamentals	6	BA	0610	English	28+28	lecture + laboratory	dr Michał Bleja
9.	Faculty of Mathematics and Computer Science	winter	1100-GR0UMM-Erasm	Differential Geometry	5	MA	0541	English	28+28	lecture + discussion class	dr hab. Andrzej Biś
10.	Faculty of Mathematics and Computer Science	winter	1100-MD0ADLI-A	Discrete Mathematics with Elements of Logic	6	BA	0610	English	28+28	lecture + discussion class	dr hab., prof. Uł Jacek Hejduk dr Andrzej Rogowski
11.	Faculty of Mathematics and Computer Science	winter	1100-ETR0ENG	Elements of theory group representations	5	Optional (BA,MA)	0541	English	28+28	lecture + discussion class	dr hab. Antoni Pierzchalski
12.	Faculty of Mathematics and Computer Science	winter	1100-HI0ADLI-A	History of Computer Science	3	BA	0610	English	28	lecture	dr hab., prof. Uł Małgorzata Filipczak
13.	Faculty of Mathematics and Computer Science	winter	1100-SI0ADLI-A	Introduction to Artificial Intelligence	6	BA	0610	English	28+28	lecture + laboratory	prof. dr hab. Andrzej Nowakowski, dr Marta Lipnicka
14.	Faculty of Mathematics and Computer Science	winter	1100-DI0ENG-Erasm	Introduction to Differential Equations	6	Optional (BA,MA)	0541	English	28+28	lecture + discussion class	dr Elżbieta Motyl
15.	Faculty of Mathematics and Computer Science	winter	1100-JI0WDLI-A	Introduction to Java	3	Optional (BA)	0610	English	24	laboratory	dr Anna Łazińska
16.	Faculty of Mathematics and Computer Science	winter	1100-TO0LMM-Erasm	Introduction to Topology	4	BA	0541	English	14+28	lecture + discussion class	dr Tomasz Zawadzki
17.	Faculty of Mathematics and Computer Science	winter	1100-ZP0UEN	IT Projects Management	6	MA	0610	English	28+28	lecture + laboratory	TBA
18.	Faculty of Mathematics and Computer Science	winter	1100-ML0ENG	Machine Learning	6	MA	0610	English	28+28	lecture + laboratory	dr Monika Bartkiewicz
19.	Faculty of Mathematics and Computer Science	winter	1100-JW0UEN	Machine-Language Programming	6	MA	0610	English	28+28	lecture + laboratory	dr Paweł Zajczkowski
20.	Faculty of Mathematics and Computer Science	winter	1100-MS0UEN	Modelling and Simulation	5	MA	0610	English	28+28	lecture + laboratory	dr Anna Kaźmierczak
21.	Faculty of Mathematics and Computer Science	winter	1100-MN0WDLI-A	Numerical Methods	6	BA	0610	English	24+24	lecture + laboratory	prof. dr hab. Marcin Studniarski
22.	Faculty of Mathematics and Computer Science	winter	1100-PR0UFM-Erasm	Probability Basis of Statistical Inference	4	MA	0541	English	28+28	lecture + discussion class	dr hab., prof. Uł Andrzej Komisarski
23.	Faculty of Mathematics and Computer Science	winter	1100-PU0UEN	Programming Web Services	5	MA	0610	English	28+28	lecture + laboratory	dr Mariusz Jarocki
24.	Faculty of Mathematics and Computer Science	winter	1100-BS0ADLI-A	Systems Security with Elements of Cryptography	3	BA	0610	English	28	lecture	TBA
25.	Faculty of Mathematics and Computer Science	winter	1100-PZ0ADLI-A	Team Project	4	BA	0610	English	28	laboratory	TBA
26.	Faculty of Mathematics and Computer Science	winter	1100-GW0WDLI-A	Video Game Design	6	BA	0610	English	24+24	lecture + laboratory	dr Radosław Matusik
27.	Faculty of Mathematics and Computer Science	summer	1100-AE0UEN	Advanced Encryption Methods	4	Optional (MA)	0610	English	28	laboratory	dr Mariusz Frydrych
28.	Faculty of Mathematics and Computer Science	summer	1100-AT0ADLI-A	Algebra and Number Theory	5	BA	0610	English	28+28	lecture + discussion class	dr Szymon Brzostowski
29.	Faculty of Mathematics and Computer Science	summer	1100-AD0WDLI-A	Algorithms and Data Structures in Computer Graphics	6	BA	0610	English	24+24	lecture + laboratory	dr hab., prof. Uł Kamil Niedziałomski
30.	Faculty of Mathematics and Computer Science	summer	1100-AL2ADLI-A	Algorithms II	6	BA	0610	English	28+28	lecture + laboratory	dr Jakub Olejnik

31.	Faculty of Mathematics and Computer Science	summer	1100-SA0UEN	Application Servers	5	MA	0610	English	28+28	lecture + laboratory	dr hab., prof. Uł. Alexander Shapoval
32.	Faculty of Mathematics and Computer Science	summer	1100-AJ0ADLI-A	Automata and Formal Languages	6	BA	0610	English	28+28	lecture + discussion class	prof. Tadeusz Krasieński
33.	Faculty of Mathematics and Computer Science	winter	1100-PK0WDLI-A	Component Programming	6	BA	0610	English	24+24	lecture + laboratory	dr Sebastian Wojczyk
34.	Faculty of Mathematics and Computer Science	summer	1100-PG0ADLI-A	Computer Graphics Basics	3	BA	0610	English	28	laboratory	dr Adam Bartoszek, dr Maciej Czarnecki
35.	Faculty of Mathematics and Computer Science	summer	1100-SK0ADLI-A	Computer Networks	6	BA	0610	English	28+28	lecture + laboratory	dr Wojciech Horzelski
36.	Faculty of Mathematics and Computer Science	summer	1100-CP0UEN	Concurrent Programming	5	MA	0610	English	28+28	lecture + laboratory	dr Jakub Olejnik
37.	Faculty of Mathematics and Computer Science	summer	1100-SB0UEN	Database Systems	3	MA	0610	English	28	laboratory	dr Michał Bleja
38.	Faculty of Mathematics and Computer Science	summer	1100-GF0UEN	Graph and Network Theory	5	MA	0610	English	28+28	lecture + laboratory	dr Monika Bartkiewicz
39.	Faculty of Mathematics and Computer Science	summer	1100-AM0ADLI-A	Mathematical Analysis	5	BA	0610	English	28+28	lecture + discussion class	dr hab., prof.. Uł. Jacek Hejduk
40.	Faculty of Mathematics and Computer Science	summer	1100-PO0ADLI-A	Object-Oriented Programming	6	BA	0610	English	28+28	lecture + laboratory	prof., dr hab. Stanisław Goldstein
41.	Faculty of Mathematics and Computer Science	summer	1100-BO0UEN	Operations Research	5	MA	0610	English	28+28	lecture + discussion class	prof. dr hab. Dariusz Idczak
42.	Faculty of Mathematics and Computer Science	summer	1100-RC0UFM-Erasm	Partial Differential Equations	5	MA	0541	English	28+28	lecture + discussion class	prof. dr hab. Andrzej Nowakowski
43.	Faculty of Mathematics and Computer Science	summer	1100-RS0ADLI-A	Probability with Statistics	6	BA	0610	English	28+28	lecture + laboratory	dr hab., prof. Uł. Hanna Podgórska
44.	Faculty of Mathematics and Computer Science	summer	1100-PD0UEN	Programming Paradigms and Languages	5	MA	0610	English	28+28	lecture + laboratory	dr Robert Kowalczyk, dr Anna Łazińska
45.	Faculty of Mathematics and Computer Science	summer	1100-BE0UEN	Security of Network Environment	5	MA	0610	English	28+28	lecture + laboratory	dr Mariusz Frydrych
46.	Faculty of Mathematics and Computer Science	summer	1100-IO0ADLI-A	Software Engineering	3	BA	0610	English	28	lecture	dr hab., prof. Uł. Alexander Shapoval
47.	Faculty of Mathematics and Computer Science	summer	1100-PS0UFM-Erasm	Stochastic Processes	5	MA	0541	English	28+28	lecture + discussion class	prof. dr hab. Andrzej Łuczak
48.	Faculty of Mathematics and Computer Science	summer	1100-TZ0WDLI-A	Testing and Quality Assurance	3	BA	0610	English	24	lecture	dr Aleksandra Zakrzewska
49.	Faculty of Mathematics and Computer Science	summer	1100-TO0UMM-Erasm	Topology	5	MA	0541	English	28+28	lecture + discussion class	dr Tomasz Zawadzki
50.	Faculty of Mathematics and Computer Science	summer	1100-WK0WDLI-A	Virtualization and Containerization	3	BA	0610	English	24	laboratory	dr Andrzej Rogowski

TBA - To Be Announced