

THE LIST OF COURSES 2025/2026

winter semester: October 2025 - mid-February 2026

L - LECTURE; P - PROJECT CLASSES (design classes); A - AUDITORY CLASSES; LAB - LABORATORY CLASSES

No	NAME OF THE COURSE	ECTS	HOURS and FORM
I 005	BASICS OF COMPUTER PROGRAMMING	5	30L; 15 a; 30 lab
I 013	OBJECT- ORIENTED PROGRAMMING	7	30L; 30 lab
I 011	BASICS OF DIGITAL TECHNOLOGY	6	30L; 30 lab
I 012	BASICS OF TELECOMMUNICATIONS	4	30L; 15 a
I 007	INTRODUCTION TO COMPUTER SCIENCE	5	30L; 15 a
I 020	SIGNALS AND INFORMATION THEORY	4	30L; 15 a
I 017	EVENT- DRIVEN PROGRAMMING	5	30L; 15 lab
I 018	SOCIAL ASPECTS OF THE INTERNET	2	30L
I 014	ALGORITHMS AND DATA STRUCTURE	5	30L; 15 lab
I 015	COMPUTER ARCHITECTURE	5	30L; 15 lab
I 022	PRINCIPLES OF WEB DEVELOPMENT	4	30L; 15 lab
I 026	IT PROJECT MANAGEMENT	3	30L; 15a
I 025	OPERATING SYSTEMS	4	30L; 15 lab
I 024	COMPUTER NETWORKS	4	30L; 15 lab
I 101	MOBILE APPLICATION PROGRAMMING	5	30 L; 15 lab
I 023	ECONOMIC LAW	2	30L
I 021	DATABASES	4	30L; 15 lab
Z 012	INFORMATION TECHNOLOGY	3	15L; 30 lab
I 027	AUTOMATION AND ROBOTIZATION	2	15L; 15 lab
I 102	DESKOP APPLICATION PROGRAMMING	5	30L; 15 p
I 302	INTERNET AND THINGS AND MOBILE DEVICE SECURITY	5	30L; 15 p
I 301	INFORMATION PROCECTION IN COMPUTER NETWORKS II	4	30L; 15p
I 029	ELECTRICAL ENGINEERNG AND ELECTRONICS	3	15L; 15a; 15 lab
I 028	SYSTEM AND NETWORK SECURITY	3	30L; 15 lab
I 030	COMPUTER GRAPHICS	3	30L; 15 lab
I 031	SOFTWARE ENGINEERING	3	30L; 15 lab
I 032	BASICS OF ARTIFICIAL INTELLIGANCE	2	15L; 15 a
Z 003	BASICS OF ECONOMICS	7	30L; 30 a
Z 005	BASICS OF MANAGEMENT	7	30L; 30 a
Z 009	ORGANISATIONAL SCIENCE	5	15L; 15 a
Z 002	MATHEMATICS	8	30L; 30 a
I 002	LOGIC AND SET THEORY	6	30L; 30 a
I 019	STATISTICS	4	15L; 30 a
I 016	PHYSICS	3	15E; 15 a
I 010	ETHICS	1	15L
Z 029	PHILOSOPHY	2	30L
Z 001	ENGLISH COURSE	2	60 a
Z 001	POLISH COURSE	2	60 a

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No	NAME OF THE COURSE	ECTS	HOURS and FORM
Z 004	BASICS OF LAW	2	15L
Z 014	CORPORATE FINANCE	6	30L; 3 a
Z 013	OCCUPATIONAL SAFETY AND ERGONOMICS	4	15L; 30 p
Z 303	TAX SYSTEM IN POLAND AND IN SELECTED EUROPEAN COUNTRIES	3	15L; 15 a
Z 302	STRATEGIC MANAGEMENT	4	15L; 30 a
Z 304	EUROPEAN UNION ACTIVITIES	3	15L; 15 a
Z 027	ENVIRONMENTAL MANAGEMENT	2	15L; 15 p
Z 306	FINANCIAL AND INTERNATIONAL SETTLEMENTS	2	15L; 15 a
Z 308	SOCIAL COMMUNICATION	2	15L; 15 a
Z 309	EU LAW	2	15L
Z 011	BASICS OF MARKETING	5	30L; 30 a
Z 006	PSYCHOLOGY	2	30L
C 001	ECOLOGY AND ENVIRONMENTAL PROTECTION	1	30L
C 004	MATERIALS SCIENCE I	7	30L; 30 a
C 005	ENGINEERING MECHANICS	8	30L; 30 a
C 030	MANUFACTURING PROCESSES	8	30L; 30 p; 30 lab
C 015	STRENGTH OF MATERIALS II	2	30L; 15 a; 15 lab
C 102	BASES OF THE COMPUTER GRAPHICS	3	15 a; 30 lab
PM 007	ETHICS IN MANAGEMENT (M)	3	15L; 15 a
PM 010	PSYCHOLOGY IN MANAGEMENT (M)	2	30L
PM 004	SELECTED PROBLEMS OF CONTEMPORARY CULTURE (M)	2	30L
PM 006	CIVIL LAW (M)	2	15L; 15 a
PM 002	CONCEPTS OF MANAGEMENT (M)	5	30L; 30 a
PM 009	MACROECONOMICS (M)	4	15L; 30 a
PM 005	FORECASTING AND SIMULATION (M)	4	15L; 30 lab
PM 008	STATISTICS IN MANAGEMENT (M)	3	15L; 30 a
PM 003	CONTEMPORARY ART (M)	3	15L; 15 a
m - master studies			