



ENGLISH LANGUAGE STUDY PROGRAM OFFER

ACADEMIC YEAR 2025/2026

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WINTER SEMESTER COURSES 2025/2026

Language of instruction – *English*

For whom:

A – for full-time students and foreign exchange programs (for all UL)

B – for full-time students and foreign exchange programs

C – for students of foreign exchange programs

No	Course code	Course name	ECTS	Level (BA, MA, OP – Optional)	ISCED code	Hours	Type of classes L – lecture P – practicals S – seminar D – discussion	Lecturer	For whom (A,B,C)	Institute
1	0400-BAM06D	Physiology of animals/Principles of neural sciences	3	OP	0511	13	L	Tomasz Kowalczyk, PhD; DSc, assoc. prof.	B	Institute of Experimental Biology
2	0400-BAM27D	Sustainable development – the challenge of XXI century	3	OP	0521	15	L	Natalia Ratajczyk, PhD	A	Institute of Ecology and Environmental Protection
3	0400-BAM29D	Paradise not yet lost – enormous biodiversity in waters	6	OP	0511	26	L	Anna Stępień, PhD (Coordinator); Aleksandra Jabłońska, PhD	B	Institute of Ecology and Environmental Protection
4	0400-BAM31D	Fluorescence and fluorescence probes in biological research	3	OP	0511	13	L	Błażej Rychlik, PhD	B	Institute of Biophysics
5	0400-BAM32D	Aging of cells and organisms. Why do we age? Can the process of aging be prevented or modified?	6	OP	0511	30	L	Łukasz Pułaski, PhD; assoc. prof.	A	Institute of Biophysics
6	0400-BAM42D	Insect diversity and adaptations	3	OP	0511	13	L	Radomir Jaskuła, PhD	B	Institute of Ecology and Environmental Protection
7	0400-BAM46D	Microbes and their hosts	3	MA	0511	13	L	prof. Magdalena Mikołajczyk-Chmiela (Coordinator)	B	Institute Microbiology, Biotechnology and Immunology
8	0400-BAM57D	Diatoms as indicators of water quality and conditions in freshwater ecosystems – bases of water biomonitoring	6	OP	0521	26	P, S	Paulina Nowicka-Krawczyk, PhD (Coordinator)	C	Institute of Ecology and Environmental Protection
9	0400-BAM63D	Modern cell and tissue imaging	6	OP	0511	39	D	Marek Wieczorek, Ph, DSc, assoc. prof. Łukasz Pułaski, PhD, DSc, assoc. prof.	C	Institute of Experimental Biology, Institute of Biophysics
10	0400-BAM64D	Computers in molecular biology and biotechnology - sequence analysis, simulations, docking and macromolecular dynamics	3	MA	0511	13	L	Michał Ponczek, PhD, DSc	B	Institute of Biochemistry
11	0400-BAM65D	Insects in human life	3	OP	0511	13	L	Radomir Jaskuła, PhD	B	Institute of Ecology and Environmental Protection
12	0400-BAM69D	Tropical ecology and conservation	6	OP	0521	26	L	Małgorzata Ruszkiewicz-Michalska, PhD, DSc (Coordinator); Anna Drozd, PhD, DSc, assoc. prof. Marta Kolanowska, PhD, DSc, assoc. prof. Aleksandra Jabłońska, PhD Radomir Jaskuła, PhD	B	Institute of Ecology and Environmental Protection
13	0400-BAM73D	Molecular Ecology	6	OP	0511	26	L	Tomasz Mamos, PhD, DSc, assoc. prof.	B	Institute of Ecology and Environmental Protection

14	0400-BAM74D	Palaeoclimatology, Palaeolimnology, Palaeoecology	3	OP	0521	13	L	<i>Mateusz Płóciennik, PhD, DSc</i>	B	Institute of Ecology and Environmental Protection
15	0400-BAM76cD	Fungi: Key Players in Ecosystems and Human Life	3	OP	0511	13	P – 13	<i>Izabela Kałucka, PhD, DSc</i>	C	Institute of Ecology and Environmental Protection
16	0400-BAM77D	Urban biodiversity protection	6	OP	0521	26	L – 13 P – 13	<i>Maciej Bartos, PhD, DSc, assoc. prof.</i>	C	Institute of Ecology and Environmental Protection
17	0400-BAM94D	National Parks and their role in protecting natural heritage – field course As a part of the course – a 3-day field trip to a selected National Park (between 13-31/10/2025, Limit - 15 students)	6	OP	0522	26	P	<i>Anna Jażdżewska, PhD, DSc, assoc. prof.</i>	C	Institute of Ecology and Environmental Protection
18	0400-BAM97D	Show me your bones and I'll show you who you are. Introduction to physical anthropology of the human skeleton	6	OP	0511	26	P	<i>Joanna Mietlińska-Sauter, PhD, DSc</i>	C	Institute of Ecology and Environmental Protection
19	0400-SE150UD	Ecohydrology	5	OP	0521	39	L – 13 P – 26	<i>Iwona Wagner, PhD, DSc, assoc. prof.</i>	C	Institute of Ecology and Environmental Protection
20	0400-SE152UD	Ecotoxicology	5	OP	0521	39	L – 13 P – 26	<i>prof. Joanna Mankiewicz-Boczek</i>	C	Institute of Ecology and Environmental Protection
21	0400-SE153UD	Environmental / Landscape Planning	5	OP	0521	39	L – 13 P – 26	<i>Małgorzata Łąpinska, PhD</i>	C	Institute of Ecology and Environmental Protection
22	0400-SE154UD	Environmental Protection Politics	3	OP	0521	39	L – 26 P – 13	<i>Natalia Ratajczyk, PhD</i>	C	Institute of Ecology and Environmental Protection

SUMMER SEMESTER COURSES 2025/2026

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1	0400-BAM48D	Cell cycle, apoptosis and cancer	3	BA	0512	13	L	Aneta Rogalska, PhD, DSc, assoc. prof.	B	Institute of Biophysics
2	0400-BAM49D	Cancer epigenetics	3	MA	0511, 0512	13	L	Anna Krześlak, PhD, DSc, assoc. prof.	B	Institute of Biochemistry
3	0400-BAM50D	Epigenetics and lifestyle	3	OP	0511, 0512	13	L	Anna Krześlak, PhD, DSc, assoc. prof.	B	Institute of Biochemistry
4	0400-BAM62D	Introduction to Flow Cytometry	3	OP	0512	13	L	Błażej Rychlik, PhD	B	Institute of Biophysics
5	0400-BAM68D	Essentials of script programming for biologists on the example of Python language	3	MA	0511	13	L	Michał Ponczek, PhD, DSc	B	Institute of Biochemistry
6	0400-BAM70D	Life trapped in amber	3	OP	0511	13	L	Agnieszka Soszyńska, PhD, DSc, assoc. prof.	B	Institute of Ecology and Environmental Protection
7	0400-BAM76bD	Fungi: Key Players in Ecosystems and Human Life	3	OP	0511	13	L – 13	Izabela Kałucka, PhD, DSc	C	Institute of Ecology and Environmental Protection
8	0400-BAM76cD	Fungi: Key Players in Ecosystems and Human Life	3	OP	0511	13	P – 13	Izabela Kałucka, PhD, DSc	C	Institute of Ecology and Environmental Protection
9	0400-BAM81D	Insects in the Anthropocene	6	OP	0521	26	L – 13 P – 13	Joanna Leszczyńska, PhD	C	Institute of Ecology and Environmental Protection
10	0400-BAM82D	Cryo-electron microscopy for structural research of biological macromolecules	6	MA	0511	26	L – 13 S – 13	Michał Ponczek, PhD, DSc	C	Institute of Biochemistry
11	0400-BAM85D	Methods of isolation and evaluation of nucleic acids	3	MA	0511	13	P – 13	Agnieszka Robaszkiewicz, PhD, DSc, assoc. prof.	C	Institute of Biophysics
12	0400-BAM88D	Hallmarks of the plant cell death	3	OP	0511	13	P – 13	prof. Andrzej Kaźmierczak	C	Institute of Experimental Biology
13	0400-BAM90D	Basic parasitology	3	BA	0511	13	P, S	Justyna Gatkowska, PhD, DSc, assoc. prof. (Coordinator); Bożena Dziadek, PhD, DSc, assoc. prof.	C	Institute Microbiology, Biotechnology and Immunology

14	0400-BAM91D	Biology of spiders and their kin	3	OP	0511	13	L	Maciej Bartos, PhD, DSc, assoc. prof.	B	Institute of Ecology and Environmental Protection
15	0400-BAM92D	Urban ecosystem functioning and environmental protection	3	BA	0511	13	P	Maciej Bartos, PhD, DSc, assoc. prof.	C	Institute of Ecology and Environmental Protection
16	0400-BAM93D	Plant in vitro cultures	6	BA	0512	26	P	Katarzyna Bergier, PhD (Coordinator); Marcin Naliwajski, PhD	C	Institute of Experimental Biology
17	0400-BAM95D	Basics of in vitro cell cultures in anticancer drug development	6	MA	0511	26	P	Mateusz Kciuk, PhD	C	Institute of Experimental Biology
18	0400-BAM96D	Broken bones and torn tendons. Selected issues in the field of paleopathology of the human skeleton	6	OP	0511	26	P	Joanna Mietlińska-Sauter, PhD	C	Institute of Ecology and Environmental Protection
19	0400-BAM98D	Plant-environment interactions	6	BA	0511, 0512, 0521	26	P	Justyna Nawrocka, PhD (Coordinator); Anna Wyrwicka-Drewniak, PhD	C	Institute of Experimental Biology
20	0400-SE250UD	Applied Aquatic Ecology	5	OP	0521	39	L – 13 P – 26	Małgorzata Łapińska, PhD	C	Institute of Ecology and Environmental Protection
21	0400-WO0011	Ecohydrology and ecological biotechnologies as a key for bioeconomy and adaptation to global changes	3	OP	0521	15	L	Tomasz Jurczak, PhD, DSc, assoc. prof. (Coordinator)	A	Institute of Ecology and Environmental Protection

