

PLAN of full-time first-cycle studies, field of study BIOLOGIA, range: <i>Applied biology</i> , from academic year 2021-2022																						
1	2	3	Semester	Subjects	pass / exam	Course group	Hours			Year I				Year II				Year III				Total ECTS
							Total	Lectures	Exercises	1st sem.		2nd sem.		3rd sem.		4th sem.		5th sem.		6 sem.		
										L	E	L	E	L	E	L	E	L	E	L	E	
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
				Semester I																		
				SUBJECTS IN THE GENERAL UNIVERSITY MODULE:																		
				<i>Modern Foreign Language</i>	z	O	30	0	30	0	30									1	2,00	
				<i>The Subject of General Education</i>	z	O	30	30	0	30	0									1	2,00	
				<i>Information Technology</i>	z	O	30	0	30	0	30									1	2,00	
				BASIC SUBJECTS:																		
				<i>Physicochemical basis of life - repetyorium</i>	z	A	30	0	30	0	30									1	2,00	
				<i>General and Inorganic Chemistry</i>	e	A	45	15	30	15	30									2	3,00	
				<i>Mathematics</i>	z	A	30	10	20	10	20									1	2,00	
				MAJOR SUBJECTS:																		
				<i>General Botany</i>	e	B	75	30	45	30	45									2	6,00	
				<i>General Zoology</i>	e	B	60	30	30	30	30									2	5,00	
				<i>Taxonomy and Diversity of Invertebrates</i>	e	B	75	30	45	30	45									2	6,00	
				TOTAL SEMESTER I			405	145	260	145	260									13	30	
				Semester II																		
				SUBJECTS IN THE GENERAL UNIVERSITY MODULE:																		
				<i>Modern Foreign Language</i>	z	O	30	0	30			0	30							1	2,00	
				BASIC SUBJECTS:																		
				<i>Organic Chemistry and Biochemistry</i>	z	A	75	30	45			30	45							1	6,00	
				<i>Biophysics</i>	e	A	30	15	15			15	15							2	2,00	
				MAJOR SUBJECTS:																		
				<i>Taxonomy and Diversity of Plants</i>	e	B	45	15	30			15	30							2	3,00	
				<i>Taxonomy and Diversity of Vertebrates</i>	e	B	45	15	30			15	30							2	3,00	
				<i>Ecology</i>	e	B	60	30	30			30	30							2	5,00	
				<i>Field Botany</i>	z	B	20	0	20			0	20							1	2,00	
				<i>Invertebrates - field activities</i>	z	B	20	0	20			0	20							1	2,00	
				<i>Vertebrates - field activities</i>	z	B	20	0	20			0	20							1	2,00	
				<i>Introduction to statistics for biologists</i>	z	B	45	10	35			10	35							1	3,00	
				<i>Physical Education</i>	z	O	30	0	30			0	30							0	0,00	
				TOTAL SEMESTER II			420	115	305			115	305							14	30	
				Semester III																		
				SUBJECTS IN THE GENERAL UNIVERSITY MODULE:																		
				<i>Modern Foreign Language</i>	z	O	30	0	30				0	30						1	2,00	
				<i>Physical Education</i>	z	O	30	0	30				0	30						0	0,00	
				<i>Ergonomics</i>	z	O	2	2	0				2	0						0	0,25	
				<i>Ethical Code</i>	z	O	4	4	0				4	0						0	0,50	
				<i>Protection of Intellectual Property</i>	z	O	2	2	0				2	0						0	0,25	
				<i>Occupational Hhealth and Safety</i>	z	O	4	4	0				4	0						0	0,50	
				MAJOR SUBJECTS:																		
				<i>General Microbiology</i>	e	B	75	30	45				30	45						2	6,00	
				<i>Cell Biology</i>	e	B	45	15	30				15	30						2	3,00	
				<i>Genetics and Basics of Genomics</i>	e	B	60	30	30				30	30						2	5,50	
				SPECIALTY SUBJECTS - Molecular methods in biology, part I:																		
				<i>Introduction to Bioinformatics</i>	z	C	30	0	30					0	30					1	2,00	
				<i>Molecular Biology Laboratory I</i>	z	C	50	10	40					10	40					2	4,00	
				<i>Subjects to choose (list of speciality subjects)</i>	z	C/F	90	30	60					30	60					3	6,00	
				TOTAL SEMESTER III			422	127	295					127	295					13	30	
				Semester IV																		
				SUBJECTS IN THE GENERAL UNIVERSITY MODULE:																		
				<i>Modern Foreign Language</i>	e	O	30	0	30					0	30					1	2,00	
				MAJOR SUBJECTS:																		
				<i>Plant Physiology</i>	e	B	75	30	45						30	45				2	6,00	
				<i>Human Biology</i>	z	B	45	15	30						15	30				1	3,00	
				<i>Diversity of Protista and Fungi</i>	e	B	45	15	30						15	30				2	3,00	
				SPECIALTY SUBJECTS - biology in nature and environmental protection, part I:																		
				<i>Methods of Field Environmental Research I</i>	z	C	50	10	40						10	40				2	4,00	
				<i>Landscape ecology</i>	e	C	30	10	20						10	20				2	2,00	
				<i>Subjects to choose (list of speciality subjects)</i>	z	C/F	120	40	80						40	80				4	8,00	
				DIPLOMA MODULE:																		
				<i>Proseminar</i>	z	C	30	0	30						0	30				2	2,00	
				TOTAL SEMESTER IV			425	120	305						120	305				16	30	

66		Semester V																							
67		MAJOR SUBJECTS:																							
68		<i>Environmental and Nature Protection</i>	z	B	30	10	20												10	20			1	2,00	
69		<i>Animal Physiology</i>	e	B	75	30	45												30	45			2	6,00	
70		<i>Evolutionary Biology</i>	e	B	60	30	30												30	30			2	5,00	
71	V-2023Z	SPECIALTY SUBJECTS - Molecular methods in biology, part II:																							
72		<i>Molecular Biology Laboratory II</i>	z	C	50	10	40												10	40			2	4,00	
73		<i>Conservation Genetics</i>	z	C	30	10	20												10	20			1	2,00	
74		<i>Subjects to choose (list of specialty subjects)</i>	z	C/F	120	40	80												40	80			4	8,00	
75		DIPLOMA MODULE:																							
76		<i>Bachelor's Degree Thesis and Preparation for a Diploma Examination</i>	z	C	0	0	0												0	0			25	3,00	
77		TOTAL SEMESTER V				365	130	235											130	235			37	30	
78		Semester VI																							
79		SUBJECT OF EDUCATION IN THE HUMANITIES OR SOCIAL SCIENCES:																							
80		<i>Subjects to choose (general university list)</i>	z	O	75	75	0												75	0			2	5,00	
81		<i>Professional Practice</i>	z	C	0	0	0												0	0			160	6,00	
82	VI-2023L	SPECIALTY SUBJECTS - biology in nature and environmental protection, part II:																							
83		<i>Methods of Field Environmental Research II</i>	z	C	50	10	40												10	40			2	4,00	
84		<i>Natural Valorisation</i>	z	C	30	10	20												10	20			1	2,00	
85		<i>Subjects to choose (list of specialty subjects)</i>	z	C/F	60	20	40												20	40			2	4,00	
86		DIPLOMA MODULE:																							
87		<i>Seminar</i>	z	C	30	0	30												0	30			2	2,00	
88		<i>Bachelor's Degree Thesis and Preparation for a Diploma Examination</i>	z	C	0	0	0												0	0			50	7,00	
89		TOTAL SEMESTER VI				245	115	130												115	130			219	30
90		Total Hours				2282	752	1530															312	180	
						2282																			
		Bachelor's Degree Thesis and Preparation for a Diploma Examination				75																			
		Professional Practice				160																			
		Consultations				77																			
		Lectures and excercises				2282																			
		Total:				2594																			
		in direct contact with an academic teacher				2282																			

* inne- godziny przeznaczone na praktykę, pracę licencjacką i przygotowanie do egzaminu dyplomowego, konsultacje
Zatwierdzono - Uchwała nr 79/2018 Rady Wydziału Biologii i Biotechnologii z dnia 24 maja 2018 r.
Poprawki Uchwała nr 39/2019 z dnia 21 marca 2019r.