

PLAN of full-time first-cycle studies, field of study BIOLOGIA, range: *Applied biology*, from academic year 2020-2021

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	
I-2020Z	Semester I																		
	SUBJECTS IN THE GENERAL UNIVERSITY MODULE:																		
	Modern Foreign Language	z	O	30	0	30	0	30										1	2,00
	The Subject of General Education	z	O	30	30	0	30	0										1	2,00
	Information Technology	z	O	30	0	30	0	30										1	2,00
	BASIC SUBJECTS:																		
	Physicochemical basis of life - repetytorium	z	A	30	0	30	0	30										1	2,00
	General and Inorganic Chemistry	e	A	45	15	30	15	30										2	3,00
	Mathematics	z	A	30	10	20	10	20										1	2,00
	MAJOR SUBJECTS:																		
	General Botany	e	B	75	30	45	30	45										2	6,00
	General Zoology	e	B	60	30	30	30	30										2	5,00
	Taxonomy and Diversity of Invertebrates	e	B	75	30	45	30	45										2	6,00
	TOTAL SEMESTER I			405	145	260	145	260										13	30
II-2020L	Semester II																		
	SUBJECTS IN THE GENERAL UNIVERSITY MODULE:																		
	Modern Foreign Language	z	O	30	0	30			0	30								1	2,00
	BASIC SUBJECTS:																		
	Organic Chemistry and Biochemistry	z	A	75	30	45			30	45								1	6,00
	Biophysics	e	A	30	15	15			15	15								2	2,00
	MAJOR SUBJECTS:																		
	Taxonomy and Diversity of Plants	e	B	45	15	30			15	30								2	3,00
	Taxonomy and Diversity of Vertebrates	e	B	45	15	30			15	30								2	3,00
	Ecology	e	B	60	30	30			30	30								2	5,00
	Field Botany	z	B	20	0	20			0	20								1	2,00
	Invertebrates - field activities	z	B	20	0	20			0	20								1	2,00
	Vertebrates - field activities	z	B	20	0	20			0	20								1	2,00
	Introduction to statistics for biologists	z	B	45	10	35			10	35								1	3,00
	Physical Education	z	O	30	0	30			0	30								0	0,00
	TOTAL SEMESTER II			420	115	305			115	305								14	30
III-2021Z	Semester III																		
	SUBJECTS IN THE GENERAL UNIVERSITY MODULE:																		
	Modern Foreign Language	z	O	30	0	30					0	30						1	2,00
	Physical Education	z	O	30	0	30					0	30						0	0,00
	Ergonomics	z	O	2	2	0					2	0						0	0,25
	Ethical Code	z	O	4	4	0					4	0						0	0,50
	Protection of Intellectual Property	z	O	2	2	0					2	0						0	0,25
	Occupational Hhealth and Safety	z	O	4	4	0					4	0						0	0,50
	MAJOR SUBJECTS:																		
	General Microbiology	e	B	75	30	45					30	45						2	6,00
	Cell Biology	e	B	45	15	30					15	30						2	3,00
	Genetics and Basics of Genomics	e	B	60	30	30					30	30						2	5,50
	SPECIALTY SUBJECTS - Molecular methods in biology, part I:																		
	Introduction to Bioinformatics	z	C	30	0	30					0	30						1	2,00
	Molecular Biology Laboratory I	z	C	50	10	40					10	40						2	4,00
	Subjects to choose (list of specialty subjects)	z	C/F	90	30	60					30	60						3	6,00
TOTAL SEMESTER III			422	127	295					127	295						13	30	
IV-2021L	Semester IV																		
	SUBJECTS IN THE GENERAL UNIVERSITY MODULE:																		
	Modern Foreign Language	e	O	30	0	30						0	30					1	2,00
	MAJOR SUBJECTS:																		
	Plant Physiology	e	B	75	30	45						30	45					2	6,00
	Human Biology	z	B	45	15	30						15	30					1	3,00
	Diversity of Protista and Fungi	e	B	45	15	30						15	30					2	3,00
	SPECIALTY SUBJECTS - biology in nature and environmental protection, part I:																		
	Methods of Field Environmental Research I	z	C	50	10	40							10	40				2	4,00
	Landscape ecology	e	C	30	10	20							10	20				2	2,00
	Subjects to choose (list of specialty subjects)	z	C/F	120	40	80							40	80				4	8,00
	DIPLOMA MODULE:																		
Proseminar	z	C	30	0	30							0	30				2	2,00	
TOTAL SEMESTER IV			425	120	305							120	305				16	30	
	Semester V																		
	MAJOR SUBJECTS:																		
	Environmental and Nature Protection	z	B	30	10	20								10	20			1	2,00
	Animal Physiology	e	B	75	30	45								30	45			2	6,00
	Evolutionary Biology	e	B	60	30	30								30	30			2	5,00

V-2022Z	SPECIALTY SUBJECTS - Molecular methods in biology, part II:																			
	<i>Molecular Biology Laboratory II</i>	z	C	50	10	40										10	40		2	4,00
	<i>Conservation Genetics</i>	z	C	30	10	20										10	20		1	2,00
	<i>Subjects to choose (list of specialty subjects)</i>	z	C/F	120	40	80										40	80		4	8,00
	DIPLOMA MODULE:																			
VI-2022L	<i>Bachelor's Degree Thesis and Preparation for a Diploma Examination</i>	z	C	0	0	0										0	0		25	3,00
	TOTAL SEMESTER V			365	130	235										130	235		37	30
	Semester VI																			
	SUBJECT OF EDUCATION IN THE HUMANITIES OR SOCIAL SCIENCES:																			
	<i>Subjects to choose (general university list)</i>	z	O	75	75	0										75	0		2	5,00
VI-2022L	<i>Professional Practice</i>	z	C	0	0	0										0	0		160	6,00
	SPECIALTY SUBJECTS - biology in nature and environmental protection, part II:																			
	<i>Methods of Field Environmental Research II</i>	z	C	50	10	40										10	40		2	4,00
	<i>Natural Valorisation</i>	z	C	30	10	20										10	20		1	2,00
	<i>Subjects to choose (list of specialty subjects)</i>	z	C/F	60	20	40										20	40		2	4,00
VI-2022L	DIPLOMA MODULE:																			
	<i>Seminar</i>	z	C	30	0	30										0	30		2	2,00
	<i>Bachelor's Degree Thesis and Preparation for a Diploma Examination</i>	z	C	0	0	0										0	0		50	7,00
	TOTAL SEMESTER VI			245	115	130										115	130		219	30
	Total Hours			2282	752	1530													312	180
						2282														
						75														
						160														
						77														
						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.