

Study plan

Year of study: I
Semester: first

Name of the subject/course	O/W/OzW*	Form of course Number of class hours							Way to verify learning outcomes	ECTS credits	The discipline(s) to which the course relates	Organizational unit conducting the course
		W	E	S	C	L	Other	Total				
Chemistry of organic and inorganic compounds	O	30				40		70	E/Zo	7	biological sciences	Faculty of Biological Sciences
Functional anatomy of the plant	O	15	25					40	Zo/Zo	4	biological sciences	Faculty of Biological Sciences
Diversity, biology and systematics of embryophytes	O	15	15					30	Zo/Zo	3	biological sciences	Faculty of Biological Sciences
Fundamentals of systematic zoology	O	20	30					50	Zo/Zo	5	biological sciences	Faculty of Biological Sciences
Animal histology	O	15	30					45	E/Zo	5	biological sciences	Faculty of Biological Sciences

Microbiology	O	10				20		30	Zo/Zo	3	biological sciences	Faculty of Biological Sciences
Basis of entrepreneurship	O				15			15	Zo	2	social sciences	Faculty of Biological Sciences
Health and safety	O						4	4	Z	-	-	Department of Health and Safety and Fire Protection
Polish language for foreigners	O						30	30	Zo	0	-	The School of Polish Language and Culture for Foreigners
TOTAL of class hours/ECTS points (including Polish as a foreign language)		105	100	0	15	60	4 (34)	284 (314)		29		

Year of study: I
Semester: second

Name of the subject/course	O/W/OzW*	Form of course Number of class hours							Way to verify learning outcomes	ECTS credits	The discipline(s) to which the course relates	Organizational unit conducting the course
		W	E	S	C	L	Other	Total				
Biochemistry	O	40				20		60	E/Zo	6	biological sciences	Faculty of Biological Sciences
Genetics	O	30				15		45	E/Zo	4	biological sciences	Faculty of Biological Sciences
Plant cell biology	O	15	25					40	E/Zo	4	biological sciences	Faculty of Biological Sciences
Animal cell biology	O	15				30		45	E/Zo	4	biological sciences	Faculty of Biological Sciences
Microscopic techniques	O					35		35	Zo	3	biological sciences	Faculty of Biological Sciences
Science behind mindfulness, mindfulness for science		15	15					30	Zo/Zo	3	biological sciences	Faculty of Biological Sciences

Calculations in experimental biology	O		30					30	Zo	3	biological sciences	Faculty of Biological Sciences
Physical education	O						30	30	Zo	0	-	University Sports Centre
Foreign language	OzW						60	60	Zo	4	-	Foreign Languages Centre
Polish language for foreigners	O						30	30	E	5	-	The School of Polish Language and Culture for Foreigners
TOTAL of class hours/ECTS points (including Polish as a foreign language)		115	70	0	0	100	90 (30)	375 (405)	0	31 (36)		

Year of study: II
Semester: third

Name of the subject/course	O/W/OzW*	Form of course Number of class hours							Way to verify learning outcomes	ECTS credits	The discipline(s) to which the course relates	Organizational unit conducting the course
		W	E	S	C	L	Other	Total				
Experimental approach to plant developmental biology	O	15	45					60	Zo/Zo	6	biological sciences	Faculty of Biological Sciences
Genetic engineering techniques	O					40		40	Zo	4	biological sciences	Faculty of Biological Sciences
PCR techniques in use	O	15						35	E/Zo	5	biological sciences	Faculty of Biological Sciences
Basics of evolutionary biology	O				20			20	Zo	2	biological sciences	Faculty of Biological Sciences
Foreign Language	OzW							60	Zo	4		Foreign Languages Centre
Physical education	O							30	Zo	0	-	University Sports Centre

TOTAL of class hours/ECTS points		30	45	0	20	75	90	260	0	21		
Elective courses for ECTS points	W									9		
TOTAL of ECTS points in semester III										30		

Year of study: II
Semester: fourth

Name of the subject/course	O/W/OzW*	Form of course Number of class hours							3Way to verify learning outcomes	ECTS credits	The discipline(s) to which the course relates	Organizational unit conducting the course
		W	E	S	C	L	Other	Total				
Molecular genetics	O	30				45		75	E/Zo	8	biological sciences	Faculty of Biological Sciences
Plant physiology	O	30				30		60	E/Zo	6	biological sciences	Faculty of Biological Sciences
Animal physiology	O	30						30	E	3	biological sciences	Faculty of Biological Sciences
Principals of immunology and virology	O	30				20		50	Zo/Zo	5	biological sciences	Faculty of Biological Sciences
Isolation of plant subcellular fractions technique	O					40		40	Zo	4	biological sciences	Faculty of Biological Sciences
Foreign language	OzW						60	60	E	4		Foreign Languages Centre

TOTAL of class hours/ECTS points		120	0	0	0	135	60	315	0	30		
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Year of study: III
Semester: fifth

Name of the subject/course	O/W/OzW*	Form of course Number of class hours							Way to verify learning outcomes	ECTS credits	The discipline(s) to which the course relates	Organizational unit conducting the course
		W	E	S	C	L	Other	Total				
Animal developmental biology	O	15	30					45	E/Zo	5	biological sciences	Faculty of Biological Sciences
Statistics in biology	O	15	30					45	Zo/Zo	5	biological sciences	Faculty of Biological Sciences
Preparation of B.Sc. thesis	OzW						100	100	Zo	10	biological sciences	Faculty of Biological Sciences
TOTAL of class hours/ECTS points		30	60	0	0	0	100	190	0	20		
Elective courses for ECTS points	W									9		
TOTAL of ECTS points in semester V										29		

Year of study: III
Semester: sixth

Name of the subject/course	O/W/OzW*	Form of course Number of class hours							Way to verify learning outcomes	ECTS credits	The discipline(s) to which the course relates	Organizational unit conducting the course
		W	E	S	C	L	Other	Total				
Genetics and molecular biology of plants	O	15				30		45	E/Zo	5	biological sciences	Faculty of Biological Sciences
Molecular organization of the cell	O	15			15			30	E/Zo	4	biological sciences	Faculty of Biological Sciences
Informatics in experimental biology	O		30					30	Zo	3	biological sciences	Faculty of Biological Sciences
Preparation of B.Sc. thesis	OzW						100	100	Zo	10	biological sciences	Faculty of Biological Sciences
Copyright and labour law	O	15			15			30	Zo/Zo	3	humanities or social sciences	Faculty of Biological Sciences
TOTAL of class hours/ECTS points		45	30	0	30	30	100	235	0	25		

Elective courses for ECTS points	W									6		
TOTAL of ECTS points in semester VI										31		