

PLAN OF STUDIES - BIOLOGY (undergraduate)

Courses	hours				Forms of assessment	ECTS
	lectures	auditory	laboratory	total		
I year						
semester I						
Mathematics and statistics	30	30		60	Z	5
General chemistry (Chemia ogólna)	30	15	30	75	E	7
Plant anatomy			30	30	Z	2
Human functional anatomy			30	30	Z	3
Diversity and evolution of cryptogamic plants	30		30	60	E	5
Evolution and systematics of invertebrates	30		30	60	E	5
Information technologies			30	30	Z	2
Industrial and safety ergonomics	5			5	Z	1
Total semester I	125	45	180	350	3E/5Z	30
semester II						
Organic chemistry	30		30	60	E	6
Biology of the cell	30		30	60	E	5
Evolution and systematics of chordates	30		30	60	E	6
Evolution and systematics of seed plants and fungi	30		30	60	E	6
Physical education			30	30	Z	1
Intellectual property protection	15			15	Z	1
Scientific investigations on faculty		30		30	Z	2
Practical class in the field I			60	60	Z	3
Total semester II	135	30	210	375	4E/4Z	30
Total 1st year	260	75	390	725	7E/9Z	60
II year						
semester III						
General ecology	30		30	60	E	5
Biochemistry	30		30	60	E	6
Human and animal physiology	30		30	60	E	5
Genetics	30		30	60	E	5
Physics with elements of biophysics	30		30	60	Z	5
Foreign language		60		60	Z	4
Total semester III	150	60	150	360	4E/2Z	30
semester IV						
Plant physiology	30		30	60	E	6
Basis of molecular and cell immunology	30			30	Z	2
Microbiology	30		30	60	E	6
Nature and environmental protection	30			30	Z	2
Molecular biology with biotechnology	30		30	60	E	6
Foreign language		60		60	E	4
Practical class in the field II			60	60	Z	3
Basis of enterprise	15			15	Z	1
Total semester IV	165	60	150	375	4E/4Z	30
Total II year	315	120	300	735	8E/6Z	60
III year						
semester V						
Courses to choice	30			30	Z	2
Courses to choice (from other faculties)	30			30	Z	2
Mechanisms of evolution	30			30	E	3

Modules* (to choice)	90		90	180	4E+4Z	12
Group Project (Problem Based Learning)			60	60	Z	6
Work experience				120	Z	5
Razem semestr V	180		150	450	5E+8Z	30
semester VI						
Humanistic lectures	30			30	Z	2
Diploma laboratory+exam			90	90	Z+E	12
Seminary		30		30	Z	3
Courses to choice		75		75	Z	4
Modules* (to choice)	90		45	135	8Z	9
Total semester VI	120	105	135	360	1E+11Z	30
Total 3 year	300	105	285	810	6E/19Z	60
Total 1, 2, 3 years	875	300	975	2270	0	180

*Modules

Module	lect.	aud.	lab.	total		ECTS
Molecular and cell biology	60	45		105		7
Biotechnology	60	30	15	105		7
Plants biology	60		45	105		7
Animals biology	60		45	105		7
Human biology	60		45	105		7
Ecology	60		45	105		7

E - examinations

Z - different forms: essay, oral questioning, essay, presentation, tests, and so further

