

**Plan of studies of the PhD Programme in *Biology* accepted by the Council of the Faculty**

Faculty of Biology and Earth Sciences							
PhD Programme in <i>Biology</i>							
Biological sciences/ biology							
Biological sciences / ecology							
Course ID	Course title	Type of class	Semestr I-VIII	Examination	Number of hours		ECTS credit allocation
					Winter semester	Summer semester	
<b>1. Obligatory courses</b>							
	<b>English for Environmental Sciences</b>	Class	I & II	Credit with grade	30	30	4
	<b>Seminar</b>	Seminar 15h x 2 semesters x 4 years = 120	I-VIII	Credit	15	15	8 x 1
	<b>Scientific career development</b>	Seminar	I	Credit	16		1
BSTS-ResCom	<b>Advanced Research Communication</b>	Class 20h Lecture 10h	II	Credit with grade		30	3
	<b>Philosophy of science with elements of logic</b>	Seminar	V or VII	Credit with grade	30		3
<b>2. Facultative courses</b>							
<b>1) Facultative courses developing professional skills [min. 14 ECTS]</b>							
	<b>Evaluation of progress in PhD thesis</b>	Tutoring 25h x 2 semesters x 4 years = 200	I-VIII	Credit	25	25	max. 8 x 1
	<b>Biomedical research methods: from antigen to antibody and beyond</b>	Lecture 15h Seminar 15h	I-VII	Credit with grade	30		3
	<b>Methods in environmental sciences and nature conservation</b> offered every 2 years since 2018/19	Field and lab practicum	II-VIII	Credit with grade	50		4
WB.SD-09	<b>Statistics for biologists</b>	30 Seminar 15 Class	II-VIII	Exam		45	4
WB.INS-27	<b>Molecular Ecology</b> Offered every 2 years	15h Lecture 15 Class	I-VII	Exam	45		4

		15 Seminar					
WB.SD-43	<b>Methodological Workshop in Evolutionary Biology – grant writing part</b>	Practicum	II-VIII	Credit with grade		30	2
WB.SD-44	<b>Methodological Workshop in Evolutionary Biology – practical part</b> offered interchangeably each year	Practicum	II-VIII	Credit with grade		30	2
	Possibility of obtaining ECTS credits for classes outside the Faculty, including courses offered abroad (e.g. summer schools)		I-VIII				
<b>2) Facultative courses developing didactic skills [min. 5 ECTS]</b>							
	<b>Efficient Teaching</b>	Practicum	III	Credit with grade		30	3
	<b>Ars Docendi</b> workshops offered at the University	Practicum	I-VIII				min. 2
<b>3 Apprenticeship</b>							
	<b>Didactic training</b> Obligation to teach or participate in teaching of classes for undergraduate students	10-30 hours (students without stipend) 10-60 hours (students with stipend) in each academic year, in English (or in Polish, if there is no need for teaching in English	I-VIII				
<b>Total ECTS points for obligatory and facultative courses and apprenticeship (30-45):</b> <b>Therein 50% ECTS for facultative classes:</b>							<b>Min. 38</b> <b>19</b>
<b>Additional training</b> Doctoral students entering the first year of studies at the JU are required to undertake occupational health and safety training unless they have taken such training at earlier stages of their JU education. PhD students planning a study involving vertebrates are required to complete the training and get the appropriate licenses.							
To get credits for the given year, the student is required to pass the exams/get credit for each course chosen that year, obtain the positive opinion of the advisor/promoter on scientific progress and on the didactic activity, and submit the report to the head of doctoral studies .							