

Faculty of Biology and Environment Protection: Academic year 2019/2020							
Code	Course	Number of hours					ECTS
		Lecture	Laboratory	Tutorial	Specialization laboratory	Seminar	
Courses for Erasmus students							
	Aquatic biology	15	30				3
	Environmental Monitoring and Assessment		30				2
	Introduction to underwater research		30				2
	Ecological physiology						2
	Cosmetic microbiology- basics						2
	Metagenomis-basics						2
	Life on the edge – the phenomenon of land–water ecotones						2
	Behavioural ecology						2
	Biological invasions: Should we be afraid of aliens?						2
	Microbiological hazards in foods						2
	Biophysics						3

Courses in english for all students							
Code	Course	Number of hours					ECTS
		Lecture	Laboratory	Tutorial	Specialization laboratory	Seminar	
Winter semester							
2100-SPBIOL-1-S2	Scientific publishing and successful grant application	5	15				3
2100-NBBIOL-1-S2	Neurobiology	15	30				4
2100-PPBIOL-1-S2	Population ecology	15	30				5
2100-MMBIOL-1-S2	Microbial molecular genetics and genome dynamics	15	30				4
2100-GEBIOL-2-S2	Genetic engineering	15	30				4
2100-EPABIOL-2-S2	European protected areas	15	15				3
2100-PHYBIOL-2-S2	Phytopathology	15	30				4
2100-MTGBIOL-2-S2	Metagenomics	0	30				2
2100-DC-GC-1-S2	Data compilation, organization, and analysis in biology		30				2
2100-EV-GC-1-S2	Evolutionary ecology	20					2
2100-EG-GC-1-S2	Environmental genomics		15				2
2100-SP-GC-1-S2	Scientific publishing		15				2
2100-JC1-GC-1-S2	Journal Club					30	3
2100-LAB1-GC-1-S2	Lab				60		7
2100-BC-GC-1-S2	Basics in climatic modelling	20	20				5
2100-HW-GC-1-S2	Hydrobiology and water management	15	20				3
2100-UF-GC-1-S2	Urbanization and the future of natural resources	20	20				4
2100-SA-GC-2-S2	Socioeconomic aspects of global change	20		15			3
2100-JC1-GC-2-S2	Journal Club					30	3
2100-LAB1-GC-2-S2	Lab				60		7
2100-AE-GC-2-S2	Applied ecosystem services	15	30				5
2100-FL-GC-2-S2	The future of land use	15					5
2100-AG-GC-2-S2	Applied geostatistical analysis		30				3
2100-LW-GC-2-S2	The last of the wild: European protected areas	15	30				4
2100-DM-CEC-2-S2	Cytotoxicity evaluation of chemical compounds	10	20				4

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Summer semester							
2100-CCBIOL-1-S2	Cellular communication and signal transduction	15	30				4
2100-ATBIOL-1-S2	Advanced techniques in environmental data analysis	10	30				4
2100-VRLBIOL-2-S2	Virology	15	15				5
2100-GCBBiol-2-S2	Global change biology	15	30				6
2100-MIBIOL-2-S2	Mutualistic interactions	15	30				5
2100-ER-GC-1-S2	European legal regulations in environmental protection	15		15			3
2100-JC2-GC-1-S2	Journal Club					30	3
2100-LAB2-GC-1-S2	Lab				60		7
2100-DP-GC-1-S2	Dynamic plant biogeography	10	20				3
2100-DA-GC-1-S2	Dynamic animal biogeography	15	20				4
2100-DM-GC-1-S2	Dynamic marine and freshwater biogeography	15	20				4
2100-AT-GC-1-S2	Advanced techniques in environmental data analysis	15	30				4
2100-EI-GC-1-S2	Environmental impacts of genetically modified organisms	15					2
2100-JC2-GC-2-S2	Journal Club					30	3
2100-LAB2-GC-2-S2	Lab				60		7
2100-MB-GC-2-S2	Molecular biogeography	15	30				6
2100-EI-GC-2-S2	Ecological impacts of invasive species	15	30				5
2100-GD-GC-2-S2	The global dynamics of parasites and diseases	15	30				5
2100-CS-GC-2-S2	Case studies in global change						4
2100-DM-STD-2-S2	Statistical methods for molecular diagnostic		18	20			3