

COURSE DESCRIPTION CARD – SPECIMEN

Faculty of Civil Engineering and Environmental Sciences									
Field of study	Environmental Engineering							Degree level and programme type	Bachelor's degree
Specialization/ diploma path								Study profile	Academic profile
Course name	Natura 2000 European Ecological Network							Course code	IS-FCEE-00073
								Course type	Erasmus
Forms and number of hours of tuition	L	C	LC	P	SW	FW	S	Semester	Summer
	15			15				No. of ECTS credits	4
Entry requirements	Ecology, Environmental protection								
Course objectives	Getting to know the Natura 2000 European ecological program and principles of sustainable development and assessment environmental impact of activity of human								
Course content	Natura 2000 European Ecological Network in Europe, Poland and in Podlasie. The legal basis for the Natura 2000 network - Habitats Directive 92/43/EEC, Birds Directive 79/409/EEC, Art. 6 of the Habitats Directive 92/43/EEC. The review of Special Protection Areas for birds (SPAs, or bird sites), Special Areas of Conservation (SACs, or habitat sites) and Sites of Community Importance (SCIs) (based on the Act on the protection of nature) in Europe and Poland. The review of conservation of natural habitats and of wild fauna and flora (Directive 92/43/EEC) and the wild birds (Directive 79/409/EEC) in Europe and Poland Natura 2000 ecological network in the aspect of sustainable development. Sustainable development and environmental impact assessment.								
Teaching methods	Lecture - presentation, the specialization workshop - presentation, discussion								
Assessment method	Lecture - Exam; the specialization workshop - a description and discussion of the report								
Symbol of learning outcome	Learning outcomes							Reference to the learning outcomes for the field of study	
LO1	student has knowledge of the structure and functioning of Natura 2000 European Ecological Network							K_W03, K_W11	
LO2	recognizes and understands the legal basis for the Natura 2000 network - Habitats Directive and Birds Directive							K_W05, K_W18, K_U18, K_U22	
LO3	know how to identify of SPAs, SACs and SCIs and know how to protected them							K_W16, K_U18, K_U22, K_K02	

L04	know how to identify of natural habitats and of wild fauna and flora in the context of Natura 2000 program	K_W11, K_W12, K_U22	
L05	know how to use the research methods used in inventory and valorisation in the aspect of sustainable development	K_U23	
L06	know how to work in a team	K_U03, K_K04	
Symbol of learning outcome	Methods of assessing the learning outcomes	Type of tuition during which the outcome is assessed	
L01	tests on lecture content, student's reports, discussion, description of reports	lecture, specialization workshop, consultation	
L02	evaluating the student's reports and preparation for the classes, tests on lecture content, discussion, description of reports	lecture, specialization workshop, consultation	
L03	evaluating the student's reports and preparation for the classes, tests on lecture content, discussion, description of reports	lecture, specialization workshop, consultation	
L04	tests on lecture content, student's reports, discussion, description of reports	lecture, specialization workshop, consultation	
L05	evaluating the student's reports and preparation for the classes, discussion, description of reports	specialization workshop	
L06	discussion, description of reports	specialization workshop	
Student workload (in hours)		No. of hours	
Calculation	lecture attendance	15	
	participation in classes, in specialization workshop	15	
	participation in student-teacher sessions related to the class/ specialization workshop	10	
	preparation for classes, specialization workshop	15	
	work on specialization workshop, reports, etc	15	
	implementation of reports tasks	15	
	preparation and participation in exams	10	
TOTAL:		95	
Quantitative indicators		HOURS	No. of ECTS credits
Student workload – activities that require direct teacher participation		50	2
Student workload – practical activities		45	2
Basic references	1) Managing Natura 2000 sites: The provisions of Article 6 of the “Habitats” Directive 92/43/EEC. WWF, Warszawa, 2010, 22. 2) European Commission: Working with nature. European Commission Nature and Biodiversity Newsletter, 2009, 27. 3) European Commission: Nature, DG Environment Natura 2000. Brussels, 2009, 4. 4) European Commission: Stepping up action for biodiversity. European Commission Nature and Biodiversity Newsletter, 2010, 28. 5) European Communities: Assessment of plans and projects significantly affecting Natura 2000 sites. Methodological guidance on the provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC. Office for Official Publications of the European Communities, Luxembourg, 2002, 76.		
Supplementary references	1) Bilateral Biogeographical Seminar, Poland, Alpine and Continental regions. Warszawa, www.pdfactory.com. 2) Chylarecki P.: The specific of effect assessments on environment of relating Nature 2000 sites: community perspective. 2007, Microsoft PowerPoint - Kopia OO\214 a obszary Natura 2000.ppt. 3) http://ec.europa.eu/environment/nature , European Commission, Environment, Brussels, 2019. 4) http://natura2000.gdos.gov.pl , European		

	Ecological Network Natura 2000, Generalna Dyrekcja Ochrony Środowiska, Warszawa, 2019. 5) Łaska G.:The Natura 2000 Network and environment impact assessment, [in:] Environmental Protection. Stowarzyszenie Uroczysko, Białystok–Supraśl, 2009.	
Organisational unit conducting the course	Department of Agri-Food Engineering and Environmental Management	Date of issuing the programme
Author of the programme	Grażyna Łaska	20-11-2019

L – lecture, C – classes, LC – laboratory classes, P – project, SW – specialization workshop, FW - field work,

S – seminar