

Subject name	Protection of Biodiversity of Rural Areas	
Subject code	R.F2a.PBR.SI.RROAY	
Department	Soil Science and Soil Protection	
Faculty	Agriculture and Economics	
Subject supervisor/Lecturer	Dr. Ryszard Mazurek	
General information	semester	summer
	ECTS credits	3
	Lectures total	15 hrs
	Classes/field classes	6/9 hrs
Objective and general description	<p>Protection of biodiversity of rural areas gives the students basic information of biological diversity concepts and levels. Lectures are focused on forms of nature and biodiversity protection on rural areas. Classes are concentrated on comparison of biodiversity strategies in particular countries.</p> <ol style="list-style-type: none"> 1. Definition of the biological diversity. 2. Main resolutions of the Biodiversity Convention. 3. Gene resources protection – gene banks (especially of useful species), native races and varieties protection, fragmentation of habitat opposition. 4. Threats and protection of species: red lists and books, protection “in situ” and “ex situ”, protection of the threatened weed species. 5. Biodiversity protection on the ecosystems level – renaturalization of changed and degraded ecosystems. 6. Seminatural communities protection. 7. Importance of territorial protection in the preservation of ecosystem diversity. 8. Paneuropean Strategy of Biodiversity Protection. 9. State and protection strategy of biodiversity in Poland. 10-11. Nature reservations and national parks in Poland. 12-13. Landscape parks, protected landscape areas in Poland. 14-15. Monuments of nature, stands for completing documentation ecological lands, nature-landscape complexes in Poland. <p>Classes</p> <ol style="list-style-type: none"> 1-5. Realization of biodiversity protection idea in particular countries. 6. Introduction to field classes. 7-15 Field classes on the area of Ojców National Park and Jura Landscape Park Complex – agriculture and nature protection on the Kraków-Częstochowa Upland. 	
Assessment method	valuation of student presentations, written exam (30 test questions), written report from field classes.	
References	<p>Elli Louka Biodiversity and Human Rights: The International Rules for the Protection of Biodiversity, 2002.</p> <p>Andrew S. Pullin Conservation Biology. Cambridge ; New York : Cambridge University Press, 2002.</p> <p>Balakishan Sublime Biodiversity Conservation, 2009.</p>	