

Subject name	Biodiversity of Polish Flora – Threats and Conservation	
Subject code	E.11.BPF.SC.ECTIE.O	
Department	Unit of Botany and Plant Physiology, Institute of Plant Biology and Biotechnology	
Faculty	Faculty of Biotechnology and Horticulture	
Subject supervisor/Lecturer	Ewa Sitek Ph.D., Piotr Stolarczyk Ph.D., Gajewski Z. Ph.D., Nowak B Ph.D.	
General information	Teaching period	summer semester
	ECTS credits	6
	Lectures total	10
	Field classes	20
Objective and general description	The objective of the course is to familiarize with the diversity and condition of Polish native flora. The impact of anthropopression, passive and active approach in nature conservation will be presented and discussed at the lectures and during field activities on the example of flora of south-eastern part of Poland.	
Lectures 10 hours	<ol style="list-style-type: none"> 1. Diversity of Polish flora against climate and soil conditions. 2. Anthropogenic threats of flora – habitat destruction and fragmentation, invasive organisms, urban pressure. 3. Overview of rare, legally protected and endangered species. 4. Protected areas in Poland - national parks, nature reserves, parks, ecological areas. 5. The European Natura 2000 network in Poland. 6. Implemented programs of active protection of plant species and habitats. 7. Horticultural techniques in <i>ex situ</i> conservation. 	
Field classes 20 hours	<ol style="list-style-type: none"> 1. Protected areas of Kraków-Częstochowa Upland: Ojców National Park, Owl Mountains Landscape Park (<i>Cochlearia polonica</i> replacement locality, Błędowska Desert) (10 h) 2. Threats and forms of protection of xerothermic and segetal flora in Nida Basin (10 h) 	
References	<p>Każmierczakowa R., Zarzycki K., Mirek Z., 2014. Polish Red Data Book of Plants. Polish Academy of Sciences, Institute of Nature Conservation.</p> <p>Havens K., Vitt P., Maundner M., Guerrant E.O., Kingsley D., 2006. <i>Ex situ</i> Plant Conservation and Beyond. <i>BioScience</i> 56(6): 525-531.</p>	