Course title	Plants and fungi - evolution, protection, interactions and systematics		
Course code	**Semester**	**ECTS**	**Lectures/ classes**
13.1.1447	summer	2	Lectures: 15 hours
Name of the lecturer and contact	prof. dr hab. Martin Kukwa; mgr Sławomir Nowak; dr Przemysław Baranow; dr Beata Guzow-Krzemińska; Marc-Andre Selosse; prof. dr hab. Dariusz Szlachetko; martin.kukwa@ug.edu.pl		
Prerequisites	none		
Course description	1. Introduction of basic and most important issues of evolution, taxonomy and systematics of plants and fungi. 2. The concepts of botanical terminology. 3. Review of selected systematic groups of plants and fungi (with special emphasis on lichens). 4. Understanding of the basic functioning of living organisms and their phylogenetic relationships. 5. The interactions between fungi and plants. 6. Threats, extinction and conservation of species.		
Learning outcomes	Knowledge: - describes characteristics, systematics and evolution of selected groups of organisms, taking into account molecular basis, and describes the basic concepts and mechanisms of evolution - is familiar with the development and current state of knowledge, as well as the latest trends in biology, and indicates their relationship with other disciplines in the natural sciences - understands the natural phenomena and processes at various levels of complexity Skills: - combines data from various sources and on this basis draws adequate conclusions - reads and understands scientific biological texts in English - can use technical biology terms in English in a way that is comprehensible and accessible for specialists, as well as people outside the group of specialists - critically confronts biological information from various sources and draws reasonable conclusions on this basis		