

<b>Course title</b>	Plant ecology		
<b>Course code</b>	<b>Semester</b>	<b>ECTS</b>	<b>Lectures/ classes</b>
13.1.1445	summer	2	Lectures: 15 hours
<b>Name of the lecturer and contact</b>	mgr Rafał Ronowski; dr Rafał Chmara; rafal.ronowski@ug.edu.pl		
<b>Prerequisites</b>	none		
<b>Course description</b>	<ul style="list-style-type: none"> <li>- Theories, ecological phenomena and processes</li> <li>- The organization of plant systems (individual, population, ecosystem)</li> <li>- Life strategies of plant species</li> <li>- Functional and structural diversity of vegetation</li> <li>- Application of plant ecology in the assessment of the natural and cultural environment</li> <li>- Bioindicator value of plants in the long-term environmental changes</li> <li>- Plant Interactions with other groups of organisms</li> </ul>		
<b>Learning outcomes</b>	<p>Knowledge:</p> <ul style="list-style-type: none"> <li>-the student knows and understands the basic rules and describes the mechanisms of life functioning at the level of population, biocenosis and ecosystem as well as temporal and spatial determinants of biological diversity.</li> <li>-the student knows and explains a relationship between achievements of a selected field of science and the discipline of natural sciences, and the possibilities of their use in socio-economic life, taking into account the sustainable use of biological diversity</li> </ul> <p>Skills:</p> <ul style="list-style-type: none"> <li>-the student can read simple scientific biological texts</li> <li>-the student can learn independently, in a targeted manner</li> </ul>		