

Title:	Phytogeography
Lecture hours:	15 h lecture + 15 h tutorial classes
Study period: (summer/winter)	winter
Number of credits:	3 ECTS
Assessment methods:	Exam
Language of instruction:	English
Prerequisites:	systematic botany (basic level)
Course content:	<p>Lectures: Characteristics of the earth's biomes Floristic similarities of the earth's regions Plants regions – borders, characteristic features, typical species Geographical elements of flora Comparative analysis of floras Geographical range of taxa, historical and ecological determinations</p> <p>Tutorial classes: Differentiation of biomass, primary production and Raunkiaer life form of plants in the earth's biomes Pollen analysis as a method of the age and history of plant's range Construction of selected plant's range maps Vertical plant's range Classification of individual plant species to geographical elements Comparative analysis of polish mountain floras</p>
Learning outcomes:	Student is able to describe the geographical distribution of vegetation types on the earth's surface, and geographical elements of Central European flora
Name of lecturer:	Małgorzata Mazur Ph.D.
Contact (email address):	mazur@ukw.edu.pl
Literature:	Bradbury I.K. 1991. The Biosphere. Belhaven Press, London-New York. Jalas J., Suominen J. 1969 – 1992. Atlas Florae Europaeae 1 – 8. Helsinki. Jasiewicz A. 1965. Rośliny naczyniowe Bieszczadów Zachodnich. Monographiae Botanicae. Vol. XX.

	<p>Kornaś J. 1957. Rośliny naczyniowe Gorców. <i>Monographiae Botanicae</i>. Vol. V.</p> <p>Kornaś J., Medwecka-Kornaś A. 2002. <i>Geografia roślin</i>. Wydawnictwo Naukowe PWN, Warszawa.</p> <p>Kostrowicki A. S. 1999. <i>Geografia biosfery</i>. PWN, Warszawa.</p> <p>Meusel H., Jäger E. J., Weinert E. 1965, 1978, 1992. <i>Vergleichende Chorologie der Zentraleuropäischen Flora</i>, vol. 1-3. G. Fischer Verlag, Jena.</p> <p>Podbielkowski Z. 1995. <i>Fitogeografia części świata</i>, vol. 1-2. PWN, Warszawa.</p> <p>Šourek J. 1969. <i>Květena Krkonoš</i>. Academia. Praha.</p> <p>Stanley S. 1983. <i>Earth and life through time</i>. Norton, New York.</p> <p>Szafer W. 1961. <i>Ogólna geografia roślin</i>. PWN, Warszawa.</p> <p>Tivy J. 1971. <i>Biogeography. A study of plants in the ecosphere</i>. Oliver and Boyd, Edinburgh.</p>
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