

Agronomy

Short description of subject	Agronomy course covers 1 semester and 15 didactic hours. Frontal lectures (15 h in summer semester) are in weekly intervals during whole semester 1 h each and cover the mastering knowledge and the role of natural (soil, climate, terrain, biocoenoses) and agrotechnical (sowing, variety, fertilization, protection, harvesting) factors shaping crop yields, agricultural systems, characteristics and significance of crop groups and their management for sustainable development. Detailed description of topics is available in Syllabuses.
Necessary requirements for practicals	Students should have brulion or electronic media to write notes from the lectures.
Location	Lectures are in Lecture hall A – Collegium Agronomicum Exact information about the location will be given in the beginning of summer semester.
Person responsible and Dept	Prof dr hab Aleksandra Badora – Department of Agricultural and Environmental Chemistry, Collegium Agronomicum, room no 431 aleksandra.badora@up.lublin.pl
Schedule	Date: 1- soils fertility factors Date: 2 – factors of environmental protection Date: 3 – cereals Date: 4 – root plants Date: 5 – oil plants Date: 6 – bean plants Date: 7– special plants Date: 8 – alternative plants Date: 9 – security production on the field - discussion Date: 10 – sustainable development in agriculture Date: 11 – shaping crop yields Date: 12 – ionic balance in the plants and safety of yields Date: 13 – advisory services and plant production Date: 14 – ecological food production - discussion Date: 15 – theoretical exam Pdf files (1 or 2) will be attached to each class.
Didactic materials	Pdf files with lecture materials will be attached during winter semester. Books – info in sylabusses or the list here: - <u>T Sheaffer: Introduction to Agronomy: Food, Crops and Environment.</u> - <u>Attachments to the classes.</u>