

Agronomy subject – **every Monday: 11.30 – 12.30, room 430, Collegium Agronomicum I** – person responsible for the lectures: Prof. dr hab. Aleksandra Badora – Department of Agricultural and Environmental Chemistry, Building AGRO I.

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| <p>Short description of subject</p> | <p>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 down in Syllabus.</p> |
| <p>Necessary requirements for practicals</p> | <p>Students should have brulion or electronic media to write notes from the lectures.</p> |
| <p>Location</p> | <p>Lectures are in Lecture hall A – Collegium Agronomicum I, last floor, room 430, every Monday at 11.30-12.30. Starting in second week of summer. <i>(room 430 is close to the Department of Agricultural and Environmental Chemistry – Katedra Chemii Rolnej i Środowiskowej).</i></p> |
| <p>Person responsible and Department</p> | <p>Prof dr hab Aleksandra Badora – head of the Department of Agricultural and Environmental Chemistry. Residence: Collegium Agronomicum, room 431 aleksandra.badora@up.lublin.pl mobile phone: (+48) 607 794 553 Consultations hours for students will be shown in the first lecture.</p> |
| <p>Schedule</p> | <p>Every student has to obtain in the Agronomy the credit with a grade after the semester and the note from the lecture of teacher Prof. dr. hab. Aleksandra Badora 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 – presentations 1 are doing students - discussion Date: 10 – sustainable development in agriculture Date: 11 – Crop shaping Date: 12 – ionic balance in the plants and safety of yields Date: 13 – advisory services and plant production **Date: 14 – ecological food production - presentations 2 are doing students - discussion Date: 15 – theoretical exam – test of 1, 2, 3, 4, 5, 6,7,8,10,11,12,13 lectures. For to past the subject – Agronomy: <u>The note will be the average of:</u> -Presentation 1 in the lecture 9 -Presentation 2 in the lecture 14 -Test in the end – on last lecture -Presence at the lectures</p> |

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| | <p>Thema for presentation 1: „Climate, soils, environmental conditions and plants <u>in your own country</u> in context of security for animals and human” – (10 minutes presentation and living this presentation for the teacher).</p> <p>Thema for presentation 2: „Ecological production, advisory service structure and sustainable development in agriculture <u>in your own country</u>” - (10 minutes presentation and living this presentation for the teacher).</p> |
| Didactic materials | <ul style="list-style-type: none"> • After (<i>not before</i>) every lecture – teacher will send every lecture to all students. • T Sheaffer: Introduction to Agronomy: Food, Crops and Environment (book in English). |

Prof. dr hab. Aleksandra Badora