

Chemistry

Short description of subject	Chemistry course covers 1 semester and 45 didactic hours. Frontal lectures (15 h per semester) are in weekly intervals during 8 consecutive weeks 2 h each and cover selected topics necessary to follow biochemistry course. Practical classes (30 h per semester) are obligatory and are in weekly intervals during 10 consecutive weeks 3 h each. Students carry on chemical experiments by their own. Detailed rules of laboratory classes and work safety are available on web page and will be described during the first class. Detailed description of topics is available in Syllabuses
Necessary requirements for practicals	White coat is required for practical classes. Students should be prepared for coming class
Location	Lectures are in Lecture hall A – Collegium Veterinarium Practicals are in laboratory no 120 – Collegium Veterinarium
Person responsible and Dept	Dr Witold Kędziński – Collegium Veterinarium, room no 426 (2 nd floor) witold.kedziński@up.lublin.pl Department of Biochemistry, Faculty of Veterinary Medicine
Schedule	Lab 1- safety rules Lab 2 – identification of ions Lab 3 – buffers Lab 4 - titration Lab 5 – colloquium Lab 6 – organic chemistry Lab 7– dialysis Lab 8 – lipids Lab 9 – carbohydrates Lab 10 – test and practical exam of laboratory skills Pdf files will be attached to each class
Didactic materials	Pdf files with lecture and lab materials Books: Chemistry for dummies, Ed.: John T. Moore, 2 nd edition Chemistry: An Introduction to General, Organic, and Biological Chemistry, Karen C. Timberlake, Ed.: Pearson