

Biochemistry

Short description of subject	<p>Biochemistry course covers 2 semesters and 150 didactic hours.</p> <p>In summer semester frontal lectures (30 h per semester) are in weekly intervals during whole semester 2 h each and cover the information on aminoacids, peptides, proteins, enzymes as well as nucleic acids.</p> <p>Practical classes (45 h per semester) are obligatory and are in weekly intervals during whole semester 3 h each.</p> <p>Students carry on biochemical 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.</p> <p>Detailed description of topics is available in Syllabuses</p>
Necessary requirements for practicals	<p>White coat is required for practical classes.</p> <p>Students should be prepared for coming class</p>
Location	<p>Lectures are in Lecture hall A – Collegium Veterinarium</p> <p>Practicals are in laboratory no 120 – Collegium Veterinarium</p>
Person responsible and Dept	<p>MK – Collegium Veterinarium, room no 218</p> <p>Marta.kankofer@up.lublin.pl</p> <p>Department of Biochemistry, Faculty of Veterinary Medicine</p>
Schedule	<p>Date: 1- aminoacids</p> <p>Date: 2 – peptides</p> <p>Date: 3 – proteins</p> <p>Date: 4 - Immunoglobulins</p> <p>Date: 5 – colloquium</p> <p>Date: 6 – enzymes – physicochemical properties</p> <p>Date: 7– enzymes – kinetic examinations</p> <p>Date: 8 – enzymes – kinetic examinations</p> <p>Date: 9 – enzymes – Michaelis constant</p> <p>Date: 10 – colloquium</p> <p>Date: 11 – methods for the separation of biological material – seminar</p> <p>Date: 12 – molecular sieving</p> <p>Date: 13 – nucleic acids</p> <p>Date: 14 – colloquium</p> <p>Date: 15 – practical exam</p> <p>Pdf files will be attached to each class</p>
Didactic materials	<p>Pdf files with lecture materials will be attached</p> <p>Books – info in syllabuses</p>