

Biostatistics

Short description of subject	<p>Biostatistics course covers 1 semester and 30 didactic hours.</p> <p>Frontal lectures – 1 hour per week (15 h per semester) are for students of the animal sciences with the primary purpose of helping them to learn about and apply appropriate experimental designs and statistical methods.</p> <p>Practical classes – 1 hour per week (15 h per semester) are obligatory. Students work with computers in IT laboratory.</p> <p>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	Students should be prepared for the coming class.
Location	Lectures are in Lecture hall A – Collegium Veterinarium. Practical classes are in IT Laboratory no 216, 217, 228 CIW.
Person responsible	AM – CIW - Gleboka street 28, room no 213 arek.miaskowski@up.lublin.pl
Schedule	<p>Detailed schedule is available on web page</p> <p>Date: 1 – Presenting and Summarizing Data</p> <p>Date: 2 – Probability</p> <p>Date: 3 – Random Variables and their Distributions</p> <p>Date: 4 – Population and Sample</p> <p>Date: 5 – Estimation of Parameters</p> <p>Date: 6 – Hypothesis Testing</p> <p>Date: 7 – Simple Linear Regression</p> <p>Date: 8 – Correlation</p> <p>Date: 9 – Multiple Linear Regression</p> <p>Date: 10 – Curvilinear Regression</p> <p>Date: 11 – One-way Analysis of Variance</p> <p>Date: 12 – Concepts of Experimental Design</p> <p>Date: 13 – Blocking</p> <p>Date: 14 – Analysis of Covariance</p> <p>Date: 15 –</p>
Didactic materials	<p>Pdf files with lecture materials will be attached</p> <p>Books – info in syllabuses or the list here</p>