

## Selected courses in English in the academic year 2010/11

KUL institute/department:	Institute of Biotechnology/Department of Physiology and Ecotoxicology
Course title:	Effects of toxicants on organisms
Lecturer (name, surname):	Adam Bownik
Title/position:	Doctor of biology/lecturer
ECTS credits:	
Course duration (1 <sup>st</sup> , 2 <sup>nd</sup> or both semesters):	Both semesters
Number of hours per week:	2
Course type:	Lecture
Level:	
Course description:	Problems on the influence of natural (bacterial, fungal, plant toxins, venoms) and synthetic chemical compounds (pesticides, heavy metals, dioxins) on organisms. Routes of intoxication, metabolism. Mechanisms of toxic action, toxic effects in different species.
Required reading list:	<ol style="list-style-type: none"> <li>1. Handbook of toxicology, (Derelanko M.J., Hollinger M.A. eds.) CRC Press 2002</li> <li>2. Kent C. Basics of toxicology, Intellicom 1998</li> <li>3. Principles and methods in toxicology, (Hayes W. ed.), 5th edition. Informa Healthcare 2008</li> <li>4. Stine K.E., Brown T.M., Principles of toxicology, 2006 Taylor &amp; Francis Group 2006.</li> </ol>
Prerequisites:	none
Assessment method:	Written examination
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