

<b>Course code</b>	<b>IRL105</b>		
<b>Course title</b>	<b>DRUG TOXICOLOGY</b>		
<b>General information</b>			
Study programme	Graduate study „Drug research and development“	Academic year	
Lecturer	Doc. Dr. Sc. Mirela Sedić		
Status	<b>Required</b>	Elective	
ECTS system			<b>5</b>
<b>Course objectives</b>			
To introduce the students with: basic principles of drug toxicity; the latest directives in the treatment of acute/chronic poisoning; procedures for evaluation of drug toxicity from preclinical studies to clinical use; to develop critical approach towards toxicity of particular drug or drug groups and to learn basic regulatives and acts related to drug toxicity.			
<b>Course description</b>			
Drug toxicity; Diagnostics and treatment of acute treatment; Diagnostics and treatment of chronic treatment; Symptoms of poisoning on target organs-diagnosis and treatment of poisoning; immunotoxicology; Toxicology of respiratory system, liver, kidneys, skin, eyes, central nervous system, cardiovascular and reproductive system; Urgent situations in toxicology; Specific characteristics of poisons in children, elderly and pregnant women; Evaluation of drug toxicity (acute/chronic toxicity, carcinogenesis, mutagenesis, reproductive toxicity and teratogenesis, local irritability, ecotoxicity); Law regulations and regulative related to drug toxicity.			
<b>Learning outcomes</b>			
Beside above mentioned specific skills, general competences are developed: A1- A5; A8; B1; B5; C1-C3			