



KAPITAŁ LUDZKI
NARODOWA STRATEGIA SPÓJNOŚCI

Projekt współfinansowany przez
Unię Europejską w ramach
Europejskiego Funduszu
Społecznego

UNIA EUROPEJSKA
EUROPEJSKI
FUNDUSZ SPOŁECZNY



Course title		ECTS code	
Toxicology		7.2.0535	
Name of unit administrating study			
null			
Studies			
faculty	field of study	type	wszystkie
Wydział Biologii	Przyroda	form	wszystkie
		specjalty	wszystkie
		specialization	wszystkie
Wydział Chemii	Ochrona środowiska	type	pierwszego stopnia
		form	stacjonarne
		specjalty	Podstawowa
		specialization	Podstawowa
Teaching staff			
dr hab. Dagmara Strumińska-Parulska, profesor uczelni			
Forms of classes, the realization and number of hours		ECTS credits	
Forms of classes		3	
Auditorium classes, Lecture		classes - 45 h	
The realization of activities		tutorial classes – 10 h	
classroom instruction		student's own work – 20 h	
Number of hours		Total: 75 h - 3 ECTS	
Lecture: 30 hours, Auditorium classes: 15 hours			
The academic cycle			
2024/2025 winter semester			
Type of course		Language of instruction	
obligatory		polish	
Teaching methods		Form and method of assessment and basic criteria for evaluation or examination requirements	
- Lecture with multimedia presentation - discussion		Final evaluation	
		Graded credit	
		Assessment methods	
		- written exam with open questions - written exam (test) - Assessment methods Writing exam	
		The basic criteria for evaluation	
		The basic criteria for evaluation or exam requirements	
		1. Evaluation criteria in accordance with the UG Studies Regulations; 2. Positive mark from the written exam: 10 open questions and 10 test questions on the basis of the lecture's program	
Method of verifying required learning outcomes			
Required courses and introductory requirements			
A. Formal requirements			
none			
B. Prerequisites			
none			

Aims of education	
<p>Aims of education</p> <p>Acquaint the students with history and basics of toxicology. Understanding terminology and basic concepts from toxicology. Understanding the risk of basic toxic metals contamination, toxic plants and food additives. Acquaint the basics of radiotoxicology.</p>	
Course contents	
<p>Course contents</p> <p>History and aims of toxicology. Milestones in toxicology. Poisons and poisonings. Basic terms in toxicology. Basic factors of contamination and poisoning. Dose-effect. Absorption routes - ADME. Toxicity mechanisms. Chemical safety. Toxicometry – toxic effects and tests. Risk assessment of chemical substances toxic effects. Toxic plants and their active substances. Toxicity of pesticides and metals. Radiotoxicology.</p>	
Bibliography of literature	
<p>Bibliography of literature</p> <p>Literature required to pass the course</p> <p>Monographic works provided by assistants leading classes</p> <p>Extracurricular readings</p> <p>Seńczuk W (red.): Toksykologia współczesna</p> <p>Piotrowski J.K. (red.): Podstawy toksykologii. Kompendium dla studentów szkół wyższych</p>	
The learning outcomes (for the field of study and specialization)	Knowledge
	Skills
	Social competence
Contact	
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