



Course catalogue

UKBH II-IZ10 Toxicology aspects of Food Safety

Programme	Food safety and Quality management
Level	Master's programme
Academic year	I year
Semester	Spring Semester
ECTS credits	6 credits
Lecturers	Full Professor Zora Uzunoska, MD, PhD Full Professor Gorica Pavlovska, PhD
Language	Macedonian/ English
Objective	The students will upgrade their knowledge about the origins of food contamination and the impact of food toxic substances on human health.
Content	Basic contaminants, metals, pesticides, radioactive isotopes, Toxicological terminology; Toxic kinetics and aspects of absorption, distribution and excretion; Toxic Dynamics and mechanisms, The influence of toxicants on human health: impaired endocrine function, Immuno-toxicity, Gene toxicity, Nephrotoxicity, Hepatotoxicity, Neurotoxicity, Reproductive Toxicity.
Learning materials	Reading from the primary literature are referenced in class and posted to the course website.