

Level: bachelor				
Course title: Chemical elements and inorganic compounds in medicine and pharmacy				
Status: elective				
ECTS: 5				
Requirements: none				
Learning objectives The aim of this course is to systematize the previously acquired knowledge about elements, their occurrence, with emphasis on microelements (essential and toxic) in order to understand the role and importance of chemical elements and inorganic compounds for the modern man.				
Learning outcomes On completion of this course, students will be able to: <ul style="list-style-type: none"> – understand the role and importance of chemical elements and inorganic compounds; – list the essential elements and their inorganic compounds; – list the toxic elements and their compounds; – understand the mechanism of toxic effects of heavy metals. 				
Syllabus <i>Theoretical instruction</i> Metals and application of metals and their compounds in medicine and pharmacy. Non-metals and their compounds from the point of application in medicine and pharmacy. <i>Practical instruction</i> Follow the lectures.				
Weekly teaching load				Other:
Lectures: 2	Exercises:	Other forms of teaching: 2	Student research:	