

<b>Study Programme:</b> Master Academic Studies in Chemistry			
<b>Course Unit Title:</b> Application of inorganic compounds			
<b>Course Unit Code:</b> IHN-517			
<b>Name of Lecturer(s):</b> Associate professor Berta Barta Holló			
<b>Type and Level of Studies:</b> Master of Science Degree			
<b>Course Status (compulsory/elective):</b> Elective			
<b>Semester (winter/summer):</b> Summer			
<b>Language of instruction:</b> English			
<b>Mode of course unit delivery (face-to-face/distance learning):</b> Face-to-face			
<b>Number of ECTS Allocated:</b> 5			
<b>Prerequisites:</b> None			
<b>Course Aims:</b> Improvement of knowledge about applications of inorganic compounds.			
<b>Learning Outcomes:</b> Improvement of knowledge about inorganic compounds in everyday life, medicine, pharmacy and industry.			
<b>Syllabus:</b> <i>Theory</i> Inorganic compounds in the everyday life. Their application in medicine and industry. Coordination complexes as medicines, catalysts, optical materials, pigments and dyes. <i>Practice</i> Synthesis of single salts, used in everyday life. Isolation of double salts. Synthesis of biologically active complex compounds.			
<b>Required Reading:</b> Comprehensive Coordination Chemistry II, Vol 9. Applications of Coordination Chemistry, Elsevier, Amsterdam, NL Boston, USA, 2003.			
<b>Weekly Contact Hours:</b>	<b>Lectures:</b> 2 (30)	<b>Practical work:</b> 2 (30)	
<b>Teaching Methods:</b> Lectures, laboratory work, seminar(s)			
<b>Knowledge Assessment (maximum of 100 points):</b> 100			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	5	oral exam	70
Practical work	5		
Seminar(s)	20		