

<b>Level:</b> PhD				
<b>Course title:</b> Selected chapters of the history of chemistry <b>DMH602H1</b>				
<b>Status:</b> elective				
<b>ECTS:</b> 15				
<b>Requirements:</b> none				
<b>Learning objectives</b> Understanding the role of chemistry within the natural and exact sciences. Development of scientific and philosophical thought of chemists with multidisciplinary and interdisciplinary character.				
<b>Learning outcomes</b> Systematic knowledge of inventions and theories that have established chemistry as a natural and exact science.				
<b>Syllabus</b> <i>Theoretical instruction:</i> Research methods in the history of chemistry. - Knowledge sources in the history of chemistry. - Chemical aspects of material culture. - Contributions of auxiliary branches of historical sciences, paleogeography and paleoclimatology to the research in the history of chemistry. - Origins of chemistry in ancient times. - Chemistry in the middle ages (the age of alchemy). - Chemistry of a new era and scientific chemistry. - Modern chemistry sources: the contribution of differentiation and integration of scientific disciplines to the chemistry development. - History of chemistry of some European nations and some European countries. - Biographies of the famous chemists. - Contribution of the major scientific discoveries to the development of chemistry. - History and development of famous chemical, educational and research institutions. - Chemistry Laureates. - History and development of chemical publications and editions. - History and development (international, national and local) chemical companies and associations. <i>Practical instruction:</i>				
<b>Weekly teaching load</b>				Other:
Lectures: 5	Exercises:	Other forms of teaching:	Student research: 5	