

<b>Level:</b> Specialist				
<b>Course title:</b> Advanced course of analytics of organic pollutants				
<b>Status:</b> elective				
<b>ECTS:</b> 5				
<b>Requirements:</b> none				
<b>Learning objectives</b> Advanced study of the most significant organic pollutants of air, water and soil.				
<b>Learning outcomes</b> Students learn advanced topics including a modern and suitable analytical approach for solving certain analytical problems using the appropriate analytical techniques.				
<b>Syllabus</b> <i>Theoretical instruction</i> Organic pollutants. Sources of pollution. Persistent organic pollutants. Structure, sources, properties, stability, solubility, toxicity, resistance to degradation, evaporation, bioaccumulation of persistent organic pollutants. Pesticides, polycyclic aromatic hydrocarbons, mineral oils, dyes, phenols, soaps and detergents. Petroleum and related products.  <i>Practical instruction</i> Practical instruction follows the theoretical instruction.				
<b>Weekly teaching load</b>				Other:
Lectures: 2	Exercises:	Other forms of teaching: 2	Student research:	