

<b>Level:</b> bachelor				
<b>Course title:</b> Demonstration Experiments in Teaching Physics I				
<b>Status:</b> obligatory				
<b>ECTS:</b> 6				
<b>Requirements:</b> none				
<b>Learning objectives:</b> Learning about demonstration experiments in teaching, and the importance of their application in educational process.				
<b>Learning outcomes:</b> Demonstration of experiments in teaching and ability to select demonstrations for some teaching units.				
<b>Syllabus</b> <i>Theoretical instruction:</i> Theoretical explanation of phenomena in appropriate fields of physics in order to realize demonstration experiments.  <i>Practical instruction:</i> Rationalization, setting up, realization and data analysis for demonstration exercises in variety of fields: kinematics, dynamics, conservation of energy and momentum, transport process, oscillations and thermal properties. Seminar.				
<b>Weekly teaching load</b>				<b>Other:</b>
<b>Lectures:</b> 2	<b>Exercises:</b>	<b>Other forms of teaching:</b> 1	<b>Student research:</b>	