

Level: bachelor				
Course title: Physics teaching methodology I				
Status: obligatory				
ECTS: 7				
Requirements: Psychology, Pedagogy				
Learning objectives The goal of the course is the initial (theoretical) training of students for successful participation in the educational process of teaching physics.				
Learning outcomes Acquiring the basic knowledge of physics teaching methodology required for successful participation in the learning process in order to gain full teaching competence through practice in real (school) conditions.				
Syllabus <i>Theoretical instruction:</i> Basic characteristics of pedagogy, didactics and methodology. Methods of teaching physics. Physics as a science and physics as a subject in the education. Basic features of teaching physics. Historical development and the relationship of philosophy and physics. The formation of the scientific world view. Physics and other subjects (mathematics, chemistry, biology, astronomy, engineering, geography, humanitarian science, philosophy). The basic didactic principles used in the physics education. <i>Practical instruction:</i> Exercise, other forms of teaching, research study.				
Weekly teaching load				Other:
Lectures: 4	Exercises: 0	Other forms of teaching: 2	Student research:	