

Level: Undergraduate Vocational Studies in Optometry				
Course title: Pediatric and gerontological optometry				
Status: elective				
ECTS: 6				
Requirements: Anatomy and physiology of the eye, Physiological Optics				
<p>Learning objectives</p> <p>Learning about normal and abnormal development of vision early in life and its characteristics in elderly life.</p>				
<p>Learning outcomes</p> <p>Students should develop:</p> <ul style="list-style-type: none"> -General skills: communication with children of pre-school age and with elderly population; - Subject-specific skills: understanding the natural development of vision; assessment of visual system of patients in different age groups; counselling of the patients of different age groups; examination of pre-school children and elderly people; understanding the aging process of the visual system. 				
<p>Syllabus</p> <p><i>Theoretical instruction</i></p> <p>Infants premature. Infants hyperopia, astigmatism, myopia. Refractive change with age. Color vision anomalies. Visual acuity test. Tonometry. Visual field screening. Optical aids and low vision. Glaucoma. Cataracts. Blurred vision.</p> <p><i>Practical instruction:</i> Exercises, other forms of teaching, research studies.</p>				
Weekly teaching load				Other:
Lectures: 3	Exercises: 1	Other forms of teaching: 1	Student research:	