

<b>Level:</b> Undergraduate Vocational Studies in Optometry				
<b>Course title:</b> Fundamentals of Pharmacology				
<b>Status:</b> obligatory				
<b>ECTS:</b> 6				
<b>Requirements:</b> Biochemistry				
<b>Learning objectives</b> Students learn the basic principles of pharmacokinetics and pharmacodynamics. Mastering the regulations in this area.				
<b>Learning outcomes</b> Upon completion of the course, students should have developed: - General skills: ability to follow professional literature; - Subject-specific skills: Understanding the principles of pharmacokinetics; understanding of the application of these principles to the use of drugs; Understanding the principles of pharmacodynamics and their applications in optometry; Understanding the effects of drugs in optometry; Understanding and application of contact lens solution, the ability to understand developments in eye pharmacology and therapeutics; understanding and knowledge of the regulations in this area.				
<b>Syllabus</b> <i>Theoretical instruction</i> Students learn the basic principles of pharmacokinetics and pharmacodynamics. Mastering the regulations in this area. Basic principles of drug action in the body. The effect of the central and peripheral nervous system. Interacting drugs. Regulations.  <i>Practical instruction</i> The exercises follow the content of lectures.				
<b>Weekly teaching load</b>				Other: -
Lectures: 3	Exercises: 0	Other forms of teaching: 1	Student research: -	