Course description

Informacje ogólne o przedmiocie / General information about the course	
1. Major of study: medicine	**2. Study level:** unified MSc
	3. Form of study: intramural
4. Year: VI	**5. Semester:** XII
6. Course name: Ophtalmology - elective	
7. Course status: required	
8. Course contents and assigned learning outcomes Basic knowledge about diagnosing and treatment in ophthalmology Visual acuity examination (Snellen cards, preferential looking test, color vision) Visual field examination (static perimetry, kinetic perimetry) Head of the optic nerve examination using ophthalmoscope and Volk lens Anterior and posterior chamber of the eyeball disease Proceedings in the ocular trauma **Learning outcomes / reference to learning outcomes indicated in the standards** <u>For knowledge – student knows and understands:</u> Knows the causes, symptoms, principles of diagnosis and therapeutic treatment in the most common ophthalmologic diseases Knows ophthalmologic complications of systemic diseases along with their ophthalmologic symptomatology and correct management of those issues Knows surgical procedures in particular eye diseases Knows basic groups of drugs used in ophthalmology General knowledge of groups of ophthalmic drugs, their mechanism of action, complications and contraindications Recognizes emergencies in ophthalmology, requiring immediate ophthalmic help and providing initial qualified help in cases of physical and chemical eye injuries Knows physiology and conditions for the proper development of vision and prevention of amblyopia and the most common eye diseases genetically determined Knows methods of undertaking case history, basic methods of examining the eye, especially visual acuity and the anterior and posterior segment of the eye <u>For skills student can do:</u> Can recognize the most common ophthalmologic diseases, choose diagnostic tests and plan therapeutic procedures Can recognize ophthalmologic complications of systemic diseases along with their ophthalmologic symptomatology and correct methods of proceed to those issues Can indicate diseases that require surgical treatment in ophthalmology, can discuss general principles of basic ophthalmological procedures Can discuss the basic groups of drugs used in ophthalmology Can name the groups of drugs used in general, which are associated with complications and contraindications of the eye and explain their mechanism in relation to the cornea, lens, retina and optic nerve Can recognize ophthalmologic emergencies requiring immediate specialist help and can give preliminary qualified help in cases of physical and chemical eye injuries; can flush the conjunctival sac, turn the eyelids, administer drugs to the conjunctival sac, put on a dressing; knows the rules of transporting a patient with an eye injury Can assess the conditions for the proper development of vision , perform tests aimed at prevention of amblyopia; can recognize the symptoms of the most common genetic diseases genetically determined Can undertake medical case history and examine visual acuity, approximate field of view, approximate intraocular pressure and the anterior and posterior segment of the eye	

For social competencies student is ready to:
Establish and maintain a proper and respectful contact with the patient
Guide the good of the patient, placing them in the first place
Respect medical confidentiality and patient's rights
Possess knowledge of own limitations and the ability to up to date skills.

9. Number of hours for the course	32
10. Number of ECTS points for the course	1,5

11. Methods of verification and evaluation of learning outcomes

Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Written evaluation – open questions Grade credit – MCQ	* Oral test
Skills	Report Observation Practical exam	* Practical exam
Competencies	Observation	* Observation

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved