



**Syllabus, academic year 2017/2018**

**Description of the course**

Course Name: Uniwersytet Medyczny we Wrocławiu KATEDRA I KLINIKA OKULISTYKI ul. Borowska 213, 50-556 Wrocław tel. 71 736 43 00, faks: 71 736 43 10	<b>Practical Clinical Teaching –</b> <b>chosen specialty:</b> <b>OPHTHALMOLOGY</b>		<b>Group of detailed education results</b>	
	<b>Group code (E or F):</b> <b>F</b>		<b>Group name:</b> <b>Clinical Science Surgery</b>	
<b>Faculty</b>	<b>Medicine</b>			
<b>Major</b>	<b>Medicine</b>			
<b>Specialties</b>	not applicable			
<b>Level of studies</b>	<b>X Uniform magister studies</b>			
<b>Form of studies</b>	<b>X full-time X part-time</b>			
<b>Year of studies:</b>	<b>VI</b>	<b>Semester:</b>	<b>X summer (april/may)</b>	
<b>Type of course</b>	<b>X obligatory</b>			
<b>Course</b>	<b>X major</b>			
<b>Language of instruction</b>	<input type="checkbox"/> Polish <b>X English</b> <input type="checkbox"/> other			

\* mark  with an X

**Number of hours**

**Form of education**

Unit teaching the course:	Lectures (L)	Seminars (SE)	Major classes - not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes – master studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work) (SS)	E-learning (EL)
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<b>Winter semester:</b>													
Not applicable													

<b>Summer semester:</b>													
				<b>180</b>									

<b>Total per year:</b>													
				<b>180</b>									

**Educational objectives: (max. 6 items)**  
**C1.** Assimilation of subjective and objective examination's techniques of the organ of vision.  
**C2.** Learning about additional tests used in ophthalmology and neuroophthalmology – implication and interpretation.  
**C3.** Learning about current surgical treatment or/ and laserotherapy in the most common pathologies of the optic system.  
**C4.** Accidents and first aid in ophthalmology

**Education results matrix for course in relation to verification methods of the intended education result and the type of class :**

Number of course education result	Number of major education (E or F group)	Student who completes the course knows/ is able to Please enter from 5 to max. 7 education results – examples of verbs defining the education result in the scope of student's knowledge: uses, performs, resolves	Methods of verification of intended education results (forming and summarising)	Form of didactic class ** enter the abbreviation
S 01	FS 22	perform ocular examination - anterior and posterior segment examination including lid eversion, tonometry, pupillary pathways, pupil abnormalities, ocular movement	Oral response	CC
S 02	FS 22	estimate visual acuity (including colour, reading etc)	Oral response	CC
S 03	FS 19	knows therapeutic principals in treatment of ophthalmic diseases and refraction disorders (pharmacology, surgery, lasertherapy).	Oral response	CC
S 04	FS 19	knows and recognize intra and post operative complications of surgery	Oral response	CC



<b>S 05</b>	<b>FS 19</b>	knows first aid rules in burns and mechanical injuries of the eye	<b>Oral response</b>	<b>CC</b>
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); <b>CC – clinical classes</b>; LC – laboratory classes; SCM – specialist classes (master studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP – practical classes with patient; PE – physical education (obligatory); VP- vocational practice; SS – self-study; EL- E-learning.</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Skills: 5</p>				
<b>Student's amount of work (balance of ECTS points):</b>				
Student's workload (class participation, activity, preparation, etc.)			<b>Student Workload (h)</b>	
1. Contact hours:			<b>180</b>	
2. Student's own work (self-study):				
Total student's workload				
<b>ECTS points for course</b>			<b>10,0</b>	
Comments				
<b>Content of classes</b> (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects))				
<b>Lectures – not applicable</b>				
<b>Seminars – not applicable</b>				
<b>Classes</b>				
<ol style="list-style-type: none"> <li>1. Methods of examination of the organ of vision – general</li> <li>2. Assessment of the eye</li> <li>3. How to use a Slit Lamp</li> <li>4. Use of the ophthalmoscope</li> <li>5. Cranial nerve examination</li> <li>6. Estimating visual acuity (including reading etc)</li> <li>7. Colour vision assessment</li> <li>8. Taking an ophthalmic history</li> <li>9. Optics and refraction including understanding refractive prescriptions</li> <li>10. The tear film - estimation and treatment</li> <li>11. Eyelid eversion</li> <li>12. Corneal &amp; sub tarsal FB removal</li> <li>13. Use of fluoresceine staining</li> <li>14. Principle of visual fields, tonometry, HRT, gonioscopy, OCT Visante</li> <li>15. Principles of biometry and a scanning</li> <li>16. Visual pathways and the effects of abnormalities</li> <li>17. General overview of cataract surgery</li> <li>18. General overview of glaucoma surgery</li> <li>19. General overview of vitreoretinal surgery</li> <li>20. General overview of strabismus surgery</li> <li>21. General overview of oculoplastic surgery</li> <li>22. General overview of corneal surgery</li> <li>23. Ophthalmic anaesthesia: local blocks, sedation and key general anaesthetic considerations</li> <li>24. Ophthalmic surgical pre-assessment</li> <li>25. Lasers in ophthalmology, their use and safety</li> <li>26. Patient recovery and ophthalmic pain</li> <li>27. Wound management and burns – first aid</li> <li>28. Principle of OCT</li> <li>29. Principle of USG A and B</li> <li>30. Oral response</li> </ol>				
<b>Other - etc....</b>				
<b>Basic literature:</b> (list according to importance, no more than 3 items)				
Not applicable				
<b>Additional literature and other materials:</b> (no more than 3 items)				
Not applicable				
<b>Didactic resources requirements:</b> (e.g. laboratory, multimedia projektor, other...)				
Not applicable				
<b>Preliminary conditions:</b> (minimum requirements to be met by the student before starting the course)				



Not applicable

**Conditions to receive credit for the course** (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

**Active participation in classes and test of practical skills**

Grade:	Criteria: (only for courses/module ending with an examination)
Very good (5,0)	Not applicable
Above good (4,5)	
Good (4,0)	
Sufficiently good (3,5)	
Sufficient (3,0)	

<b>Name of unit teaching course:</b>	
Address	<b>Wrocław Medical University</b> <b>Ophthalmology Department</b> ul. Borowska 213, 50-556 Wrocław
Phone	+48 71 7364300
E-mail	<a href="mailto:klo@usk.wroc.pl">klo@usk.wroc.pl</a>

<b>Person responsible for course:</b>	Prof. dr hab. Marta Misiuk-Hojło
Phone	+48 71 7364300
E-mail	<a href="mailto:klo@usk.wroc.pl">klo@usk.wroc.pl</a>

<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Form of classes</i>
Radosław Kaczmarek	Dr hab	ophthalmology	physician; u.t.	CC
Anna Turno-Kręcicka	Dr hab	ophthalmology	physician; u.t.	CC
Małgorzata Mulak	Dr n. med.	ophthalmology	physician; u.t.	CC
Hanna Zając-Pytrus	Dr n. med.	ophthalmology	physician; u.t.	CC
Marek Szaliński	Dr n. med.	ophthalmology	physician; u.t.	CC
Miroslaw Słowik	Dr n. med.	ophthalmology	physician; u.t.	CC
Patrycja Krzyżanowska-Berkowska	Dr n. med.	ophthalmology	physician; u.t.	CC
Joanna Adamiec Mroczek	Dr n. med.	ophthalmology	physician; u.t.	CC
Karolina Czajor	Dr n. med.	ophthalmology	physician; u.t.	CC
Maria Pomorska	Dr n. med.	ophthalmology	physician; u.t.	CC
Anna Markuszewska	Lek. med.	ophthalmology	physician; u.t.	CC
Katarzyna Zimmer	Lek. med.	ophthalmology	physician; u.t.	CC
Wojciech Czak	Lek. med.	ophthalmology	physician; u.t.	CC
Ewa Wałek	Lek. med.	ophthalmology	physician; u.t.	CC
Roksana Kręcichwost	Lek. med.	ophthalmology	physician; u.t.	CC
Agnieszka Rafalska	Lek. med.	ophthalmology	physician; u.t.	CC



Małgorzata Mimier	Lek. med.	ophthalmology	physician; u.f.	CC
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**Date of Syllabus development**

02.01.2018 r.

Syllabus developed by  
KATEDRA KLINIKI OKULISTYKI  
Uniwersytet Medyczny we Wrocławiu  
dr n. med. Joanna Adamiec-Mroczek

**Signature of Head of teaching unit**

Uniwersytet Medyczny we Wrocławiu  
KATEDRA I KLINIKA OKULISTYKI  
kierownik

prof. dr hab. Marta Mśluk-Hojo, prof. zw.

**Signature of Faculty Dean**

Wrocław Medical University  
FACULTY OF MEDICINE  
VICE-DEAN FOR STUDIES IN ENGLISH  
Prof. Andrzej Hendrich, PhD