



Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA OKULISTYKI
ul. Borowaka 213, 50-556 Wrocław
tel. 71 736 43 00, faks: 71 736 43 09

Syllabus for academic year: 2021/2022
Training cycle: ...2017/2018 - 2022/2023...

Description of the course

Course	Ophthalmology		Group of detailed education results										
			Group code F	Group name Intervencjonal clinical science									
Faculty	Faculty of Medicine												
Major	medicine												
Level of studies	<input checked="" type="checkbox"/> X uniform magister studies <input type="checkbox"/> 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies												
Form of studies	<input checked="" type="checkbox"/> X full-time <input type="checkbox"/> part-time												
Year of studies	V		Semester:	<input checked="" type="checkbox"/> X winter <input checked="" type="checkbox"/> X summer									
Type of course	<input checked="" type="checkbox"/> X obligatory												
Language of study	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> X English												
Number of hours													
Form of education													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester:													
Ophthalmology Department (Dep. in charge of the course)													
Direct (contact) education ¹		3			17								
Distance learning ²	10												
Summer semester:													
Ophthalmology Department (Dep. in charge of the course)													
Direct (contact) education		3			17								

¹ Education conducted with direct participation of university teachers or other academics

² Education with applied methods and techniques for distance learning



Distance learning	10												
TOTAL per year:													
... Ophthalmology Department (Dep. in charge of the course)													
Direct (contact) education		6			34								
Distance learning	20												
Educational objectives (max. 6 items) C1. To acquaint students with anatomy, physiology and pathophysiology of the visual system C2. To introduce the most important diagnostic methods of the visual system. C3. To introduce students to disorders of the visual system, including neuro-ophthalmology C4. To present ophthalmologic conditions connected with systemic diseases (e.g. diabetes mellitus, borreliosis) which require interdisciplinary therapy C5. Transfer of knowledge in the field of conservative treatment, surgery and laser therapy. C6. Transfer of knowledge about management of eye injuries and first aid in ophthalmology. C7. Formation of social competences, necessary to perform the profession of a doctor, according to the graduate profile.													
Education result for course in relation to verification methods of the intended education result and the type of class:													
Number of detailed education result	Student who completes the course knows/is able to				Methods of verification of intended education results	Form of didactic class <i>*enter the abbreviation</i>							
F.W11	Student knows issues in the field of diseases of the organ of vision, in particular: 1) causes, symptoms, principles of diagnosis and therapeutic management in the most common ophthalmic diseases, 2) ophthalmic complications of systemic diseases together with their ophthalmic symptomatology and correct methods of management in these cases, 3) surgical management of individual eye diseases, 4) basic groups of drugs used in ophthalmology, their adverse effects and interactions, 5) groups of drugs used in general which are associated with ophthalmic complications and contraindications and their mechanism;				Oral response, test	L, SE, CC							
F.U19	Student is able to carry out an ophthalmic screening test;.				Oral response, test	CC							



F.U20	Student is able to recognise ophthalmic conditions requiring immediate specialist assistance and provide initial qualified assistance in cases of physical and chemical injury to the eye;	Oral response, test	CC
* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning			
Student's amount of work (balance of ECTS points):			
Student's workload (class participation, activity, preparation, etc.)		Student Workload	
1. Number of hours of direct contact:		40	
2. Number of hours of distance learning:		20	
3. Number of hours of student's own work:		54,8	
4. Number of hours of directed self-study		n/d	
Total student's workload		114,8	
ECTS points for course		4,5	
Content of classes: (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)			
Lectures 20hrs 1. Anatomy and physiology of the eye 2. Eye infections 3. Current standards of glaucoma treatment 4. Diabetic retinopathy 5. Laserotherapy in ophthalmology. 6. Ocular pharmacology 7. Age-related macular degeneration 8. Diagnostics and treatment of uveitis. 9. Ocular oncology 10. Ancillary diagnostic techniques			
Seminars Winter 3hrs 1. diseases of the orbit and cornea 2. refractive errors 3. diseases of the retina and lens Summer 3hrs 1 paediatric ophthalmology 2. diseases of the choroid 3. ophthalmia and eye trauma			
Classes Winter 1. Anatomy of the visual system, slit-lamp examination - 2 hrs 2. Refractive errors, visual acuity examination - 3 hrs 3. Conjunctival and corneal diseases, upper eyelid inversion - 3 hrs 4. Orbital diseases, exophthalmos examination, fundus examination - 3 hrs 5. 5. diseases of lens and vitreous body - 3 hrs 6. 6. Vascular diseases of the retina - 3 hrs 7. Systemic and local therapy in ophthalmology. Summer 1. Paediatric ophthalmology - 3 hrs 2. Strabismus diseases - 3 hrs 3. Glaucoma, tonometry, visual field testing, imaging methods in glaucoma - 3 hrs			



4. Choroidal membrane diseases - 3 hrs
5. Ophthalmic manifestations in general diseases - 2 hrs
6. Injuries of the visual system-3 hrs

Basic literature (list according to importance, no more than 3 items)

1. Lecture Notes: Ophthalmology Bruce James, Anthony Bron
January 2012, Wiley-Blackwell (chapters 1-12)
2. Clinical Ophthalmology Jacek J. Kański

Additional literature and other materials (no more than 3 items)

1. Book series: Basic and Clinical Science. Ophthalmology. America Academy of Ophthalmology (2020).

Preliminary conditions: (minimum requirements to be met by the student before starting the course)

Basic knowledge of the anatomy and physiology of the visual system

Conditions to receive credit for the course: (specify the form and conditions of receiving credit for classes included in the 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)

Attention! Attendance can not be a condition for passing the course

Test exam – 60 questions

Credit and examinations shall be taken either face-to-face or by electronic means.

Grade:	Criteria for courses ending with a grade ³
Very Good (5.0)	15-14 pts Student has answered all questions fully.
Good Above (4.5)	13-12 pts Student answered all questions more than well
Good (4.0)	11-10 pts Student answered well all questions
Satisfactory Plus (3.5)	9-8 pts Student has sufficiently answered all questions, in basic terms
Satisfactory (3.0)	7-6 pts Student has adequately answered 2 questions out of a set of 3.
	Criteria for courses ending with a credit ³
Credit	Does not apply to the Faculty of Medicine

Grade:	Criteria for exam ³ (online test)
Very Good (5.0)	60-56
Good Above (4.5)	55-51
Good (4.0)	50-46
Satisfactory Plus (3.5)	45-41
Satisfactory (3.0)	40-38

Department in charge of the course:	Ophthalmology Department
Department address:	50-556 WROCŁAW BOROWSKA 213
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Person in charge for the course:	prof. dr hab. Marta Misiuk-Hojło
Telephone:	717364300
E-Mail:	marta.misiuk-hojlo@umed.wroc.pl

³ The verification must cover all education results, which are realized in all form of classes within the course



List of persons conducting specific classes:				
Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Marta Misiuk-Hojło	Prof. dr hab. n. med.	Medical science ophthalmology	physician; u.t.	L
Hanna Zając-Pytrus	Dr n. med.	Medical science ophthalmology	physician; u.t.	CC
Marek Szaliński	Dr n. med.	Medical science ophthalmology	physician; u.t.	CC
Joanna Adamiec-Mroczek	Dr n. med.	Medical science ophthalmology	physician; u.t.	CC
Maria Pomorska	Dr n..med.	Medical science ophthalmology	physician; u.t.	CC
Małgorzata Mimier-Jańczak	Lek.med	Medical science ophthalmology	physician; u.t.	CC
Wojciech Czak	Dr n. .med	Medical science ophthalmology	physician; u.t.	CC
Katarzyna Zimmer	Lek.med	Medical science ophthalmology	physician; u.t.	CC
Martyna Tomczyk-Socha	Dr n.s.med	Medical science ophthalmology	physician; u.t.	CC
Małgorzata Kowalik-Jagodzińska	Lek.med	Medical science ophthalmology	physician; u.t.	CC
Urszula Szydelko	Lek.med	Medical science ophthalmology	physician; u.t.	CC
Roksana Silicki	Lek.med	Medical science ophthalmology	physician; u.t.	CC
Artur Małyszczak	Lek. med	Medical science ophthalmology	physician; u.t.	CC

Date of Syllabus development

29.06.2021

Syllabus developed by

.....Joanna Adamiec-Mroczek.....

Dean's signature

Wrocław Medical University
Faculty of Medicine
.....
prof. Beata Sobieszczanska, PhD

Signature of Head(s) of teaching Unit(s)

KATEDRA I KLINIKA OKULISTYKI
Kierownik

prof. dr hab. Marta Misiuk-Hojło

