

**Thematic lesson plan of seminars
in the discipline "Ophthalmology"
for students of the educational program specialist
in the specialty 31.05.03 Stomatology,
direction (profile) Stomatology,
form of study Full-time
for the 2024–2025 academic year**

№	Thematic blocks	Hours (academic)
1.	Introduction in Ophthalmology. Anatomy and physiology of the visual organ (part 1)	3,0
	Methods of examination of the visual organ. (part 2).	2,0
	Demonstration of the video about methods of clinical examination of ophthalmologic patients	1,0
2.	Physiological optics. Clinical refraction. Principles of ametropias' correction. (part 1).	2,0
	Accommodation and its disorders: paralysis, spasm, presbyopia, asthenopia. (part 2).	2,0
	Pathology of the oculomotor apparatus. Concomitant and paralytic strabismus (part 3).	1,0
3.	Diseases of the conjunctiva in adults and children (part 1).	2,0
	Diseases of the lacrimal organs in adults and children. Diseases of the orbital cavity (part 2).	2,0
	Diseases of the cornea in adults and children. Outcomes of keratitis (part 3).	1,0
4.	Diseases of the vascular tract in adults and children (part 1).	2,0
	Pathology of intraocular pressure. Primary glaucoma. Acute attack of closure-angle glaucoma: clinical features, differential diagnosis, treatment (part 2).	2,0
	Pathology of the lens. Cataracts: senile, complicated, congenital (part 3).	1,0
5.	Ocular trauma in adults and children. Penetrating injuries of the eye-globe in adults and children. Blunt ocular trauma. Eyelid' injuries (part 1).	3,0
	Chemical and thermal burns of eye-globe and its adnexa (part 2).	2,0
6.	Pathology of the retina (retinal detachment, central retinal artery obstruction, central retinal vein obstruction). Diseases of the optic nerve (optic neuritis, congestive optic disk, optic nerve atrophy) (part 2).	3,0
	Control of the level of formed competencies. Control of practical skills. Solution of situational tasks. Checklist interview.	3,0
	Total	30

Considered at the meeting of the department of ophthalmology "17" June 2024, protocol № 14

Head of the Department



I.A. Gndoyan