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| 1 | Course title | OPHTHALMOLOGY | | |
| 2 | Code | DOF 510 | | |
| 3 | Study program | Study Program of Integrated studies in dental medicine | | |
| 4 | Organizing Institution (Unit, Institute, Chair, Department) | Department of Ophthalmology | | |
| 5 | Degree (first, second, third cycle) | Integrated studies | | |
| 6 | Academic year / semester | 5. year, IX semester | 7 | Number of ECTS credits 2 |
| 7 | Teacher | Prof. Dr. Vesna Dimovska Jordanova | | |
| 8 | Preconditions | | | |
| 9 | Objectives of the course program (competences): | | | |
| 10 | Course content: | | | |
| | Lectures | | | Classes |
| | An Introduction to Ophthalmology | | | 1 |
| | Eyelids | | | 1 |
| | Orbit | | | 1 |
| | Lacrimal apparatus and conjunctiva | | | 2 |
| | Cornea | | | 1 |
| | Eye injuries | | | 1 |
| | Diseases of the sclera | | | 1 |
| | Inflammation of a uveal tract | | | 1 |
| | Lens | | | 1 |
| | Tumors of the anterior segment | | | 1 |
| | Glaucoma | | | 2 |
| | Fundamentals of refraction and refractive anomalies of the eye | | | 2 |
| | Total | | | 15 |
| | Seminars | | | Classes |
| | Eyelids: inspection, eyelid eversion | | | 1 |
| | Lacrimal apparatus: - palpation of the lacrimal puncta - lacrimal duct probing - performing of Schirmer test | | | 1 |
| | Conjunctiva | | | 1 |
| | Cornea - inspection - corneal reflex examination - conducting of fluorescein probe - slit-lamp examination | | | 1 |
| | Anterior chamber (Camera anterior) | | | 1 |
| | Pupil - examining the light reaction, accommodation and convergence | | | 1 |
| | Iris | | | 1 |

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| | Lens - examination of transparency | | 1 |
| | Tumors of the anterior segment | | 1 |
| | Fundus of the eye - examination through ophthalmoscopy and differentiation of the structures on the fundus | | 1 |
| | Glaucoma: Definition, etiopathogenesis, classification, Primary glaucoma-diagnosis, clinical signs and treatment | | 2 |
| | Types of refractive anomalies of the eyes and their treatment | | 2 |
| | Other exams: - Determination of visual acuity - examination of tear secretion, TBUT - intraocular pressure measurement (tonometry) | | 1 |
| | - gonioscopy | | |
| | - perimetry | | |
| | - echography | | |
| | Total | | 15 |
| 1 1 | Learning methods: interactive teaching (theoretical), work in small groups (exercises) and other forms provided by the common ECTS criteria | | |
| 1 2 | Total available time | 60 classes | |
| 1 3 | Distribution of available time | Lectures-15 hours, seminars -15 hours, home learning and other forms of teaching activities-30 hours | |
| 1 4 | Forms of teaching activities | 15.1. | Lectures - theoretical instruction 15 classes |
| | | 15.2. | Practices (laboratory, auditory), <u>seminars</u> , teamwork 15 classes |
| 1 5 | Other forms of activities | 16.1. | Project assignments |
| | | 16.2. | Independent tasks |
| | | 16.3. | Home learning 30 classes |
| 1 6 | Method of assessment | 17.1. | Test - Written final exam 30 points |
| | | 17.2. | Activity and participation in lectures and exercises; Seminar work / project (presentation: written and oral) 10 points |
| | | 17.3. | 60 points |
| 1 7 | Grading criteria (points / grade) | from 59 points 5 (five) (F) | |
| | | from 60 to 67 points 6 (six) (E) | |
| | | from 68 to 75 points 7 (seven) (D) | |
| | | from 76 to 84 points 8 (eight) (C) | |
| | | from 85 to 93 points 9 (nine) (B) | |
| | | from 94 to 100 points 10 (ten) (A) | |
| 1 8 | Requirement for signing and taking the final exam | Minimum points for regularity and activity of lectures and seminars | |
| 1 9 | Language of the course | Macedonian | |
| 2 0 | Method of monitoring | Self-evaluation by students, assessment of the assistants in carrying out practical classes and assessment of the success achieved by the students, as well as their eligibility for passing the | |

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| | quality of teaching | course | | | |
| 2 1 | Literature | | | | |
| | 22.1. | Compulsory literature | | | |
| No. | | Author | Title | Publisher | Year |
| 1 | | Blagojevich et al. | Ophthalmology | Faculty of Medicine | 2009 |
| | | Cynthia A. Bredford | Basics of ophthalmology | Tabernakul Skopje | 2011 |
| 22.2. | Additional literature | | | | |
| | No. | Author | Title | Publisher | Year |
| | 1 | Professors and assistants from the Department of Ophthalmology Faculty of Medicine Skopje | Practicum of ophthalmology for students of medicine and dentistry | Faculty of Medicine | 2012 |