| Attachment No. 3 | | Course program of the first cycle of studies | | | |
|---|---|---|---|---|---|
| 1. | Course title | Ophtalmology | | | |
| 2. | Code | DMEOP3 | | | |
| 3. | Study program | Dentistry - integrated first and second cycle of studies | | | |
| 4. | Organizer of the study program (unit, i.e., institute, department, division) | University "Ss. Cyril and Methodius" in Skopje,<br>Faculty of Medicine – Skopje,<br>Department of Ophthalmology | | | |
| 5. | Degree (first, second, third cycle) | Integrated First and Second Cycle Studies | | | |
| 6. | Academic year/semester | Year | 3 | Semester | 6 |
| 7 | Course workload expressed in ECTS credits | 2 | | | |
| 8. | Teacher | Prof. Dr. Emilija Gjoshevska Dashtevska | | | |
| 9. | Language in which the curriculum is conducted | English | | | |
| 10. | Necessary prerequisites for taking and passing the course | Completed all compulsory subjects from the second year and passed all compulsory subjects from the first year | | | |
| 11. | Course objectives (competences) and learning outcomes: | Theoretical and practical preparation of students for the recognition, diagnosis, and treatment of the most common ophthalmological diseases | | | |
| 12. | Detailed course content by chapters and units with learning outcomes for each chapter | Theoretical teaching - lectures<br>Chapter - Ophthalmology<br>- Introduction to ophthalmology.....1 class<br>- Orbit .....1 class<br>- Palpebrae.....1 class<br>- Lacrimal apparatus.....1 class | | | |

| | | | | |
|---|---|---|---|---|
| | | - Conjunctiva.....1 class<br>- Cornea.....1 class<br>- Sclera.....1 class<br>- Uveal inflammations.....1 class<br>- Lens.....1 class<br>- Fundamentals of refraction and refractive anomalies.....1 class<br>- Glaucoma.....1 class<br>- Eye and orbit injuries.....1 class<br>- Retina .....1 class<br>- Strabismus.....1 class<br>- Neuroophthalmology .....1 class<br>Results from chapter 1: The student will acquire knowledge of anatomy and physiology of the lacrimal apparatus, as well as pathological. They will learn about the diagnostic procedures and procedures that are most often used in the detection of diseases of the lacrimal apparatus.<br>Total: .....15 classes<br><br>Practical teaching – exercises<br>Anamnesis and local status; eyelids (inspection, eversion of eyelids); lacrimal apparatus (palpation of puncta lacrimalis, washing of tear ducts, Schirmer test, TBUT); conjunctiva; cornea (inspection, examination of corneal reflex, fluorescein test, examination with a biomicroscope); anterior chamber of the eye; pupil – pupilla (examination of reaction to light, accommodation and convergence); iris – iris; lens (examination of transparency); vitreous body – corpus vitreum; fundus of the eye (fundus oculi) ophthalmoscopy - differentiation of the structures of the fundus of the eye; visual acuity testing and refraction determination, tonometry, perimetry, Hertel exophthalmometry, echography, OCT of the anterior and posterior ocular segments, orthoptic testing<br>Total .....15 classes | | |
| 13 | Interrelation of subjects | / | | |
| 14. | Detailed description of the teaching and working methods for the subject | Interactive teaching, clinical exercises, working in small groups, presentation and performance of diagnostic procedures, demonstration of instruments and methods used | | |
| 15. | Total available time | 60 classes | | |
| 16. | Forms of teaching activities | 16.1. | Lectures - theoretical classes | 15 |
| | | 16.2. | Exercises (laboratory, lecture), seminars, teamwork: classes | 15 |
| | | 16.3. | Practice: classes | |
| 17. | Other forms of activities | 17.1. | Project assignments: classes | |
| | | 17.2. | Independent assignments: classes | |
| | | 17.3. | Homework – assignments | 30 |
| 18 | Signature requirements | absence from two exercises at most | | |
| 19 | Method of assessment | | | |
| | 19.1. | Tests: points | | |
| | 19.2. | Seminar paper/project, written and oral presentation: points | | |
| | 19.3. | Final exam: points | | |
| 20 | Grading criteria (points/grade) | from 59 points | 5 (five) (F) | |
| | | 60 to 68 points | 6 (six) (E) | |
| | | 69 to 76 points | 7 (seven) (D) | |
| | | from 77 to 84 points | 8 (eight) (C) | |
| | | from 85 to 92 points | 9 (nine) (B) | |
| | | from 93 to 100 points | 10 (ten) (A) | |
| 21. | Method of monitoring the quality of teaching | Self-evaluation by students, control of assistants in carrying out practical teaching and assessment of the students' success, as well as the pass rate of students who have passed the course | | |
| 22. | Literature | | | |
| | 22.1. | Required literature | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | Ord. No. | Author | Title | Publisher | Year |
| | | 1. | Janev K, Zechevikj S. | General ophthalmology | Menora, Skopje | 2012 |
| | | 2. | Litricin O, Blagojevikj M, Cvetkovikj D. | Ophthalmology | Elit Medical, Medical Book, Belgrade | 2009 |
| | 22.2. | Additional literature | | | | |
| | | Ord. No. | Author | Title | Publisher | Year |
| | | 1. | Professors and assistants of the Department of Ophthalmology | Ophthalmology practicum for medical and dental students | Faculty of Medicine, UKIM, Skopje | 2012 |
| | | 2. | Golubovikj M, Gjoshevska Dashtevska E, Shekerinov N. | Vision disorders and prevention options | Faculty of Medicine, UKIM, Skopje | 2022 |
| | | 3. | Salmon FJ. | Kanski Clinical Ophthalmology, ninth ed. | Elsevier | 2019 |