

| | | | | |
|---|--------------|----------------------------|--------------------|---------|
| Level: Undergraduate Vocational Studies in Optometry (Optometrist) | | | | |
| Course title: Contact lenses 1 | | | | |
| Status: obligatory | | | | |
| ECTS: 7 | | | | |
| Requirements: Anatomy and physiology of the eye, Geometrical optics, Biochemistry | | | | |
| Learning objectives Introducing students to practice with contact lenses. | | | | |
| Learning outcomes Upon completion of the course, students should have developed: - General skills: following the professional literature; analysis of different solutions and selecting the most appropriate ones; - Subject-specific skills: understanding the historical development of contact lenses; understanding the basic properties of hard and soft contact lenses; understanding the fitting of hard and soft contact lenses; understanding the placing and removing of hard and soft contact lenses, understanding the lens care, understanding the physiological basis of contact lens wear, understanding the alternatives in the choice of lenses, solving problems related to contact lenses. | | | | |
| Syllabus <i>Theoretical instruction</i> Historical development of contact lenses. A pilot study, prognostic tests. Evaluation of indications and contraindications. Keratometry. Biomicroscopy. Soft and rigid lenses. Production, nomenclature, specifications, classifications, tolerance, parameters checking. Fitting the soft and hard lenses. Systems for contact lenses maintenance. <i>Practical instruction</i> Exercises that follow the content of lectures. | | | | |
| Weekly teaching load | | | | Other:- |
| Lectures: 4 | Exercises: 0 | Other forms of teaching: 3 | Student research:- | |