

## COURSE OUTLINE

### (1) GENERAL

<b>SCHOOL</b>	HEALTH & CARE SCIENCES		
<b>ACADEMIC UNIT</b>	BIOMEDICAL SCIENCES		
<b>DIVISION</b>	OPTICS & OPTOMETRY		
<b>LEVEL OF STUDIES</b>	UNDERGRADUATE		
<b>COURSE CODE</b>	8031	<b>SEMESTER</b>	8 <sup>th</sup>
<b>COURSE TITLE</b>	VISION PROBLEMS IN 3 <sup>RD</sup> AGE		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>
Lectures		3	4
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
<b>COURSE TYPE</b> <i>general background, special background, specialised general knowledge, skills development</i>	General background		
<b>PREREQUISITE COURSES:</b>	N/A		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	Greek		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	No		
<b>COURSE WEBSITE (URL)</b>	N/A		

### (2) LEARNING OUTCOMES

<p><b>Learning outcomes</b>  <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i>            Consult Appendix A</p> <ul style="list-style-type: none"> <li>• <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i></li> <li>• <i>Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i></li> <li>• <i>Guidelines for writing Learning Outcomes</i></li> </ul>
<p>The syllabus leads to an understanding of the vision problems in patients of older age and ways of addressing them. Upon successful completion of the syllabus the students:</p> <ul style="list-style-type: none"> <li>• Will understand the ocular problems caused by age</li> <li>• Will be able to appropriately inform the patient</li> <li>• Will be able to offer help to patients with near vision problems (presbyopia, cataract, AMD)</li> <li>• Will be able to advise the patients on how to apply treatment and monitor their compliance</li> <li>• Will be able to train patients in using eye drop, CLs or other therapeutical regimens or devices</li> </ul>

**General Competences**

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma

Supplement and appear below), at which of the following does the course aim?

<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology Adapting to new situations Decision-making Working independently Team work Working in an international environment Working in an interdisciplinary environment Production of new research ideas</i>	<i>Project planning and management Respect for difference and multiculturalism Respect for the natural environment Showing social, professional and ethical responsibility and sensitivity to gender issues Criticism and self-criticism Production of free, creative and inductive thinking ..... Others... .....</i>
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<i>Working independently Team work</i>
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**(3) SYLLABUS**

- Age and eye problems (presbyopia, cataract, macula problems, glaucoma)
- Management and monitoring of treatment of older age patients
- General and ophthalmic history taking, record keeping
- Organisation and management of assessments and monitoring of treatment
- Informing the patient of treatment options and monitoring compliance
- Time management

#### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc.</i>	Face to face	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> <i>Use of ICT in teaching, laboratory education, communication with students</i>	Delivery of the syllabus is supported by e-class.	
<b>TEACHING METHODS</b> <i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.  The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i>	<b>Activity</b>	<b>Semester workload</b>
	Lectures	39 hours
	Self study	51 hours
	Course total	90 hours
<b>STUDENT PERFORMANCE EVALUATION</b> <i>Description of the evaluation procedure  Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other  Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i>	Final written assessment 100%	

#### (5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

1. Προβλήματα όρασης σε υπερήλικες– Δρ. Αριστείδα Χανδρινού – Σημειώσεις του μαθήματος - 2018
2. *The aging Eye* Harvard Medical School ISBN-13: 978-0743215039 - 2001
3. *Age-Related Changes of the Human Eye* : Cavallotti, Carlo, Cerulli, Luciano Humana Press ISBN 978-1-61737-936-9 2008
4. *Clinical Communication Skills for Medicine, 4th Edition* - Margaret Lloyd & Robert Bor & Lorraine M Noble Elsevier ISBN 9780702072130 - 2018
5. *Professional Communications in Eye Care*, by Ellen Richter Ettinger Butterworth-Heinemann; 1 edition ISBN: 978-0750693066 - (1994)