COURSE OUTLINE

(1) GENERAL

SCHOOL	HEALTH & CARE SCIENCES		
ACADEMIC UNIT	BIOMEDICAL SCIENCES		
DIVISION	OPTICS & OPTOMETRY		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	8011	**SEMESTER**	8th
COURSE TITLE	THESIS		

INDEPENDENT TEACHING ACTIVITIES *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*	**WEEKLY TEACHING HOURS**	**CREDITS**
		8
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Special background
PREREQUISITE COURSES:	
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No
COURSE WEBSITE (URL)	N/A

(2) LEARNING OUTCOMES

Learning outcomes

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.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

The aim of the course is for each student to research in depth, a topic of their specialty, to refer to bibliographic sources by gathering the necessary information, to study and draw their conclusions and, finally, to write their work.

The purpose of student research is to dig up and review the knowledge gained so far, to delimit and study a problem, to interpret a phenomenon or situation and to combine the above, depending on the subject and the student's ability to analyze, synthesis and logical processing of data. The most common approaches are the literature review, the experimental-research study, the investigation of various cases and the clinical-statistical studies. The intended objectives, with the elaboration of the diploma thesis are the following:

1. Enhancing the student's ability to deal with a problem.
2. The enhancement of learning, through the study and elaboration of one significant problem and the acquisition of new knowledge derived from the study.
3. Enhancing the student's ability to be able to give a complete and correct solution to the problems that may arise.

4. The student's practice in seeking, exploring, choosing, to
uses and records data from bibliographic sources.
5. The student's practice in writing and presenting a text with
data and from bibliographic sources, without changing the meaning of the information of the original from which he obtained the information.
6. The student's training in the ability to write not just one
thesis but any kind of text it needs to contain
scientific thinking, presentation of positions and proposals, submission of new ideas and directions and in general, any kind of text, which serves the scientificity of its author and the promotion of his ideas and proposals.
After the end of the course the student will know:
• Participate in a research team
• Compile and follow a research work protocol.
• Evaluate research findings
• To draw conclusions from the research findings

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?*	
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*	*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…* *…….*
Working independently *Team work*	

(3) **SYLLABUS**

The student, during the last semester of studies, prepares a diploma with a topic that must be directly related to topics of his specialty in Optics and Optometry. The topics of the dissertation are proposed by the faculty members, who also undertake the supervision of the thesis. After the completion of the work, the student presents it publicly in a three-member committee, which consists of faculty members of the Department. The presentation can be attended by other faculty members as well as students.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	At the end of the spring semester with a presentation at the a three-member committee.
USE OF INFORMATION ANDCOMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	.

TEACHING METHODS

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

Activity	*Semester workload*
Thesis preparation, thesis writing	180
Course total	*180*

STUDENT PERFORMANCE EVALUATION

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.

Public presentation
The evaluation criteria based on which the grading is done by the three-member examination committee are:

- Correctness and validity of the content of the work (60%)
- Adequacy of bibliographic reports (15%)
- Presentation (15%)
- Innovative data and research perspectives (5%)
- Correct use of the Greek Language (5%).

Total 100%

(5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

It is recommended by the supervisor, in collaboration with the student, depending on the subject of the research.