

DISSERTATION OUTLINE (PRETH Di)

1. GENERAL INFORMATION

SCHOOL	School of Science and Technology		
PROGRAM COURSE	Precision Medicine and Novel Therapies (PRETH)		
LEVEL OF STUDY	POSTGRADUATE		
CODE	PRETH Di	YEAR OF STUDY	2 nd (4 th semester)
TITLE	Dissertation		
INDEPENDENT TEACHING ACTIVITIES <i>in case credits are awarded for separate components/parts of the course, e.g. in lectures, laboratory exercises, etc. If credits are awarded for the entire course, give the weekly teaching hours and the total credits</i>		HOURS	CREDIS
Weekly teaching hours 32-33 hours x 13 weeks		420	15 ECTS
TYPE Compulsory, Optional, Optional mandatory	Optional mandatory		
PREREQUISITE MODULES:	The presentation of Dissertation takes place after the successful completion of the program's Modules/Laboratory Modules.		
LANGUAGE OF INSTRUCTION AND EXAMS	English		
OFFERED TO ERASMUS STUDENTS	Yes		
WEBSITE (URL)	https://www.eap.gr/en/preth/ The Dissertation has its own space in the Learning Management System of HOU (https://courses.eap.gr/login/index.php), with controlled access (use of code) for students and teaching staff.		

2. LEARNING OUTCOMES

Learning Outcomes <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate (certain) level, which students will acquire upon successful completion of the course, are described in detail. It is necessary to consult:</i>
Upon successful completion of the dissertation, students will have accomplished the following: - Conducted in-depth studies on a specific scientific topic within the program's scope. - Enhanced their compositional abilities. - Conducted thorough searches for relevant scientific information in the corresponding literature. - Designed a research plan and formulated an appropriate methodology for investigating the selected topic. - Acquired skills in composing a scientific text. - Developed skills in organizing and orally presenting scientific content. - Clearly presented their conclusions, supported by the knowledge and reasoning behind them, effectively delivering a comprehensive presentation through information and communication technology (ICT) - Evaluated the proposed approach/solution by comparing it with analogous one, available in the National and international literature. - Provided commentary on the relative advantages and disadvantages, substantiating their opinions and choices.
General Competences <i>Taking into consideration the general competences that students/graduates must acquire (as those are described in the Diploma Supplement and are mentioned below), at which of the following does the course attendance aim?</i>

<i>Search for, analysis and synthesis of data and information by the use of appropriate technologies, Adapting to new situations Decision-making Individual/Independent work Group/Team work Working in an international environment Working in an interdisciplinary environment (Other citizenship, spiritual freedom, social awareness, altruism etc.)</i>	<i>Project planning and management Respect for diversity and multiculturalism Environmental awareness Social, professional and ethical responsibility and sensitivity to gender issues Critical thinking Development of free, creative and inductive thinking Introduction of innovative research</i>
✓ Search for, analysis and synthesis of data and information by the use of appropriate technologies ✓ Individual/Independent work ✓ Project planning and management ✓ Decision-making ✓ Critical thinking ✓ Working in an interdisciplinary environment ✓ Introduction of innovative research ✓ Development of free, creative and inductive thinking	

3. DISSERTATION CONTENT

Review of the literature on selected contemporary topics related to the subjects covered in the MSc program. It may also serve as a brief research project.

[General Regulations for the Preparation of Postgraduate Dissertations in a Master's Degree Programme with semester-long Thematic Unit](#)

4. TEACHING METHODS-ASSESSMENT

MODES OF DELIVERY <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i>	– Distance face-to-face communication between the student and the supervisor (teleconferences) in theoretical-bibliographic thesis. – Live communication and guidance of the student from the supervisor in the laboratory thesis.	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY <i>Use of ICT in teaching, Laboratory Education, Communication with students</i>	During the writing and supervision of the Dissertation, the following are used: – Remote meeting tools (cisco webex) for the teleconferences – Presentation software (powerpoint type) for intermediate presentations to the supervisor and for final support – Specialized Software on the subjects under training – Use of office automation tools, web browsers as well as e-readers for digital books – Use of internet and electronic resources of the HOU remote library to find articles and bibliography – Support of the learning process through the HOU online platform http://courses.eap.gr (course information, educational material postings, announcements, messages, exam results, user groups, discussion forums, etc.). – Electronic mail (e-mail)	
DESIGN <i>Description of teaching techniques, practices and methods: Lectures, seminars, laboratory practice, fieldwork, study and analysis of</i>	Activity/Method	Semester workload
	Writing the Dissertation	160
	Presentation preparation	30

<i>bibliography, tutorials, Internship, Art Workshop, Interactive teaching, Educational visits, projects, Essay writing, Artistic creativity, etc</i> <i>The study hours for each learning activity as well as the hours of selfdirected study are given following the principles of the ECTS.</i>	Guided study	8
	Individual study	216
	Initial proposal submission and final Dissertation defense	6
	Total (hours)	420
STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS <i>Detailed description of the evaluation procedures.</i> <i>Language of evaluation, assessment methods, formative or summative (conclusive), multiple choice tests, short- answer questions, open-ended questions, problem solving, written work, essay/report, oral exam, presentation, laboratory work, other.....etc.</i> <i>Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students</i>	The evaluation is carried out by a three-member committee. For the evaluation, each member of the committee takes into account the following: the originality of the topic and its degree of difficulty, the understanding of the topic, the methodology of investigating the topic, the content of the text of the thesis, the degree of achievement of the goal of the thesis, the presentation. Language of evaluation: English In order to ensure uniform assessment of the M.A., the final grade of the Jury is based on the evaluation of the written submission and the oral presentation. The indicative grading guide can be found in the study regulations: https://www.eap.gr/wp-content/uploads/2025/01/Regulations-of-Studies.pdf	

5. SUGGESTED BIBLIOGRAPHY

1. Regulatory frame for Diploma thesis available at <https://www.eap.gr/semi-annual-programs/>
2. Guides and templates for HOU Theses: <https://eeyem.eap.gr/services/guides/>