

DIPLOMA THESIS

- GENERAL**

UNIVERSITY	UNIVERSITY OF THESSALY		
SCHOOL	TECHNOLOGY		
DEPARTMENT	FORESTRY, WOOD SCIENCES & DESIGN		
LEVEL	POSTGRADUATE		
COURSE CODE	2001	SEMESTER	3rd
COURSE TITLE	DIPLOMA THESIS		
ACTIVITIES		WEEKLY HOURS	ECTS
3 rd Semester			30
TOTAL			30
TYPE OF COURSE	OBLIGATORY		
LANGUAGE OF TEACHING AND EXAMINATION	GREEK		
WEBPAGES COURSE (URL)	https://eclass.uth.gr/courses/FWSD_P_127/		

- LEARNING OUTCOMES**

Learning Outcomes
<p>In order to obtain the Master's Degree in Advanced Design, Technology & Management of Wooden Products of the Department of Forestry, Wood Sciences & Design (FWSD), it is mandatory to prepare a research Diploma Thesis under the guidance of a Supervising Professor, who is a member of the Faculty/Laboratory Teaching Staff, a holder of a PhD degree and a teacher at the said MSc. The Diploma Thesis participates in all the teaching units of the MSc with 30 ECTS.</p> <p>The learning objectives for postgraduate students (in relation to the Diploma Thesis) are as follows:</p> <ul style="list-style-type: none"> – To be able to delve into research in a specific subject area using the knowledge they have acquired during their studies. – To be integrated into research groups and to adapt to the group's requirements. – To be able to refer to the international literature, organize their research, design experiments, adopt internationally accepted protocols and practices, write a scientific text with bibliographic references avoiding plagiarism, reflect critically the results of their research (underlining their contribution to scientific development). – To be able to organize and make a presentation of a scientific work in front of an audience during the presentation of the DE and its examination by a Three-Member Examining Committee (including the Supervising Professor), answering questions concerning either the narrow subject of the DE or the more general scientific field.
General Skills
<ul style="list-style-type: none"> ● Search, analysis and synthesis of data and information, using the necessary technologies and methods ● Adaptation to new situations ● Decision making ● Autonomous Work ● Demonstration of social, professional and ethical responsibility

- Exercise criticism and self-criticism
- Promotion of free, creative and inductive thinking

- **COURSE CONTENT**

The Diploma Thesis is research and is assigned individually to a single student, on a topic that is decided in collaboration with the Supervising Professor. The Diploma Thesis is prepared under the responsibility of the student, under the guidance of the Supervising Professor.

The text of the Diploma Thesis should include the following sections (in the order they are listed, as analyzed below):

- Cover:
 - on thick paper
 - includes the logo of the University of Thessaly, the title of the School, the Department and the MSc's, the approved title of the Diploma Thesis, the name of the student, the names of the Three-Member Committee and the Supervising Professor, the year of presentation and the city where it is headquartered Department.
- Inside Cover:
 - Diploma Thesis title in Greek and English
 - members of the Three-Member Examining Committee (accompanied by the title and subject of knowledge of each member as well as the Institution to which he belongs)
- Dedication (optional):
 - at the top right of the page, align right
- Responsible Declaration:
 - The following text is signed by the student who prepared the Diploma Thesis "I certify that I am the author of this thesis, which was prepared in accordance with the Regulation of the Preparation of Diploma Thesis of the MSc of FWSD"
- Acknowledgments (optional)
- Contents
- List of Tables (optional)
- List of Images/Photos (optional)
- List of Abbreviations (optional)
- Abstract:
 - up to 250 words
 - briefly describes the subject of the Diploma Thesis (purpose, methodology, results, conclusions)
 - keywords, not included in the title (at the end of the Abstract)
- **Introduction**
 - the length of the introduction is recommended to be 10-25% of the entire thesis
 - includes the literature review
 - presents the main points of existing knowledge on the subject of ED, from reliable and valid published works
 - the way in which in-text references are made is described in Section III (Bibliographic References)
 - the last paragraph of the introduction includes the purpose of the Diploma Thesis

<ul style="list-style-type: none"> • Materials and Methods <ol style="list-style-type: none"> 1.1. includes the detailed description of the experimental methods followed, without commenting on the results 1.2. there should be a correspondence of the methods described with the Results Chapter 1.3. when methods described in publications are followed, relevant reference should be made in the text (and the source included in the Bibliography). If modifications have been made to the method, these should be clearly stated • Results <ul style="list-style-type: none"> • the products of the data analysis and the results (quantitative and/or qualitative) resulting from them are presented, without making any particular comment or comparison with the results of other researchers • each figure, diagram or table must be annotated and referenced in the text • Discuss <ol style="list-style-type: none"> 1. the results of the Diplomatic Thesis are presented alongside the results of related published works, the results are linked in order to explain them, a comparison and contrast is made highlighting the contribution of the Diplomatic Thesis to scientific research and citing fields for future research <p>Results</p> <ol style="list-style-type: none"> 2. the main results of the Diploma Thesis are presented epigrammatically (in the form of a list) <p>Bibliography</p> <ol style="list-style-type: none"> 3. the way to cite the Bibliography is described in Section III (Bibliographic References) <p>Appendices</p> <p>III. BIBLIOGRAPHICAL REFERENCES</p> <p>Any references made in the text must also be mentioned in the bibliography.</p>
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• **TEACHING AND LEARNING METHODS - EVALUATION**

COURSE DELIVERY METHOD	RESEARCH	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Guidance from the supervising professor in all appropriate ways and tools. Use of the Department's Laboratory and other equipment for data analysis and processing, implementation of experiments, technical tests, etc.	
MANAGEMENT OF TEACHING	Activity	Semester Workload
	Literature review	150
	Development of methodological approach and applied methodology	100
	Data collection and analysis	250
	Presentation of results - discussion of the research questions	100
	Final writing of Diploma Thesis	150
	Course Total	750

	(25 workload hours per credit unit)		
STUDENT EVALUATION	<p>Upon completion of the Diploma Thesis, it is presented (orally and publicly) at a related event organized three (3) times a year (January, March, October).</p> <p>The criteria taken into account for the evaluation of the Diploma Thesis concern the progress of the students during the preparation of the Diploma Thesis, the written scientific text and the presentation and defense of the Diploma Thesis, such as:</p> <ol style="list-style-type: none"> 1. The adequacy and effectiveness of the student during the research and learning course of the preparation of the Diploma Thesis. 2. Consistency in terms of what was agreed with the Supervisor: bibliographic preparation, accuracy of experiments/studies, schedules and deliverables. 3. The volume of the project and the volume of work during the academic semesters that intervened until the end of the Diploma Thesis. 4. The quality of the written scientific discourse, the approach to the investigation of the subject and the use of the relevant bibliography. The structure of the Diploma Thesis and its written presentation, e.g. the coherence of the text, the correct use of terminology and language, the precise formulation of concepts, the scientifically sound documentation of conclusions. 5. The correct use of written and oral scientific discourse during the presentation of the Diploma Thesis. 6. The coherence of the presentation and the proof of sufficient knowledge of both the subject it deals with and the thematic unit that the Diploma Thesis is part of (answers to the questions). <p>Each member of the Three-Member Examining Committee scores on a scale from 0 to 10 (with an accuracy of one decimal place). The members of the examination committee grade the thesis by evaluating the written text (60%) and the student's performance during the presentation - support of his thesis (40%). The final grade of the DE results from the Average of the grades of the Three-Member Examining Committee (to one decimal place) with a minimum passing grade of 5.0 (five).</p>		

● **RECOMMENDED-BIBLIOGRAPHY**

<ol style="list-style-type: none"> 1. Joyner, R. L., Rouse, W. A., & Glatthorn, A. A. (2018). <i>Writing the winning thesis or dissertation: A step-by-step guide</i>. Corwin press. 2. Mauch, J., & Park, N. (2003). <i>Guide to the successful thesis and dissertation: A handbook for students and faculty</i>. CRC Press. 3. Boudah, D. J. (2019). <i>Conducting Educational Research: " Guide to Completing a Thesis, Dissertation, or Action Research Project"</i>. SAGE Publications, Incorporated. 4. Bolker, J. (1998). <i>Writing your dissertation in fifteen minutes a day: A guide to starting, revising, and finishing your doctoral thesis</i>. Holt Paperbacks.

5. Calabrese, R. L. (2006). *The Elements of an Effective Dissertation and Thesis: A Step-by-Step Guide to Getting it Right the First Time*. Rowman & Littlefield Publishing Group, 4501 Forbes Blvd., Suite 200, Lanham, MD 20706.
6. Lipson, C. (2018). *How to write a BA thesis: A practical guide from your first ideas to your finished paper*. University of Chicago Press.

Δαφέρμος, Μ., & Τσαούσης, Γ. (2014). Οδηγός Συγγραφής Διπλωματικών Εργασιών και Διδακτορικών Διατριβών. Πανεπιστήμιο Κρήτης Σχολής Κοινωνικών Επιστημών Τμήμα Ψυχολογίας.

Bell Judith (2007) Πώς να συντάξετε μια επιστημονική εργασία: Οδηγός Ερευνητικής Μεθοδολογίας, Μεταίχμιο.

Δημητρόπουλος Ευστάθιος (2009) Εισαγωγή στη Μεθοδολογία της Επιστημονικής Έρευνας: Προς ένα συστημικό δυναμικό μοντέλο μεθοδολογίας επιστημονικής έρευνας, Εκδόσεις Ελλην.

Πολίτης, Π. (2013). *Οδηγός Συγγραφής Επιστημονικών Εργασιών* (No. ΙΚΕΕΒΟΟΚ-2016-056). Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης.

Ζαφειρόπουλος Κώστας (2005) Πως γίνεται μια επιστημονική εργασία, Εκδόσεις Κριτική

Μάντζαρης Ιωάννης (2012) Επιστημονική Έρευνα, Αυτοέκδοση.

Μπουρλιάσκος Β. (2010) Πως Γράφεται μια Επιστημονική Εργασία: Συγγραφή