ΟΙΚΟΝΟΜΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ
ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS

ΣΧΟΛΗ ΕΠΙΣΤΗΜΩΝ & ΤΕΧΝΟΛΟΓΙΑΣ ΤΗΣ ΠΛΗΡΟΦΟΡΙΑΣ
SCHOOL OF INFORMATION SCIENCES & TECHNOLOGY

ΜΕΤΑΠΤΥΧΙΑΚΟ
ΕΦΑΡΜΟΣΜΕΝΗ ΣΤΑΤΙΣΤΙΚΗ & ΑΝΑΛΥΤΙΚΗ ΔΕΔΟΜΕΝΩΝ
MSc IN
APPLIED STATISTICS & DATA ANALYTICS

REGULATION/ GUIDELINE FOR THE DISSERTATION THESIS PREPARATION

1. The DT is mandatory and is carried out after the successful completion of the 4th semester of studies.
2. For the examination of the postgraduate Diploma Thesis (DT), a supervisor and a three-member Examination Committee are appointed. The Committee consists of the supervisor and two (2) other faculty members or instructors of the postgraduate program, who hold a PhD and belong to the same or a related field of specialization as that of the DT. In exceptional cases, faculty members from other universities in Greece or abroad may be appointed to the three-member committee.
3. In the event of failure in the examination of the DT, the student may be re-examined one (1) additional time, not earlier than three (3) months later, provided that they do not exceed the maximum time limit for completion of the postgraduate program. In the event of a second failure, the student is dismissed from the program following a decision of the Department Assembly and is entitled only to a simple certificate of successful attendance.
4. The following provisions apply regarding the preparation of the DT:
    a. The Director of the postgraduate program is responsible for publishing a list of proposed topics by instructor, accompanied by a summary of each proposed DT, during and before the end of the 4th semester of studies.
    b. Each student submits a list of the topics they wish to undertake from the above list, indicating the proposed title of the DT and the proposed supervisor.
    c. No later than the end of June, the allocation of DT topics to students is carried out by the Program Committee.
    d. The DT must demonstrate the scope and quality expected at a postgraduate level. This means that through the thesis, the student proves full command of the scientific field relevant to the work.
    e. The DT must be submitted by the end of the 3rd semester of studies.
    f. If the student does not complete the DT within the prescribed time limits, he/ she is entitled to an extension of up to six (6) months, following the recommendation of the supervising professor and a decision by the Department Assembly.
    g. The DT is evaluated as either “successful” or “unsuccessful” by the three-member Examination Committee, and the student is required to defend it before the committee within 30 days from the date of submission.
    h. Supervision of the DT may only be undertaken by instructors of the Department of Statistics and by instructors teaching in the postgraduate program.
5. The DT is written in Greek or English. Each copy of the diploma thesis must include a short abstract in both Greek and English.
6. The presentation of the DT takes place before the Examination Committee. The evaluation of the DT is based on academic criteria. After the presentation, minutes are drafted and signed by the Examination Committee. The presentation minutes are submitted to the Secretariat of Postgraduate and Doctoral Studies of the School.
7. After approval by the Examination Committee, the DT is submitted in its final form electronically to the Secretariat of Postgraduate and Doctoral Studies of the School and to the Library of AUEB, in order to be made available through relevant repository systems.
8. The Department provides Microsoft Word templates to students to ensure, as far as possible, a uniform format and appearance of the DT.
9. The postgraduate program maintains a complete archive of all DTs that have been completed.

ATTENTION:

- The Thesis must, under the responsibility of the student, be uploaded to eClass on the designated platform simultaneously with its submission to the Secretariat. It must also be processed through the software available

on eClass (or any other software designated by the Master's Program Coordinating Committee) for the detection of plagiarism and the use of artificial intelligence–generated text.

- In cases where the similarity percentage identified by the software exceeds 25%, or even when it is lower than 25% but originates from a specific number of sources, the Thesis is reviewed by the Coordinating Committee of the Master's Program.
- Simultaneously with the submission of the Thesis to the Secretariat, the student must also submit a sworn declaration through gov.gr stating that: "The Master's Thesis is exclusively my own work, and any use of artificial intelligence tools was solely for linguistic, stylistic, and editorial support."
- If the Thesis is decided to be the product of plagiarism, the student will be dismissed from the program and will be issued only an official Transcript of Records (Academic Transcript).

The procedure about the DT topics is as follows:

i. During the 4th semester, the Director of the program requests faculty members to submit thesis topics together with a short description and indicative bibliography. Each faculty member may submit up to two (2) topics. The topics must be specific and not merely broad areas or fields of study.
ii. Before the end of the 4th semester of studies, all proposed topics are forwarded to the students of the program. Each student selects up to five (5) topics and ranks them in descending order of preference on a form provided by the Secretariat.
iii. The process is completed by the end of June.
iv. Every effort is made to ensure that each student is assigned the topic they listed as their first preference. In cases where two or more students have selected the same topic, the assignment is made to the student with the highest average grade in the compulsory courses of the first three semesters. If a student has not taken or has not passed one or more of these courses, the grade for those courses is considered to be zero.
v. Initially, topics are assigned to students who selected them as their first preference. Subsequently, the remaining topics are allocated based on second preferences to those students who have not yet been assigned a topic, and so on. In every case where more than one student has selected the same topic, the grade criterion described above applies.
vi. If, at the time of the DT assignment process, a student still owes a significant number of courses, the Director may decide not to assign them a thesis at that stage. The assignment may instead take place later, once the student has passed all courses or has only one course remaining.

ELECTRONIC SUBMISSION OF THE DISSERTATION THESIS TO THE LIBRARY

The diploma thesis, in its final form, is submitted electronically on the Library's website at the PYXIDA Repository (http://www.pyxida.aueb.gr).

Regarding the procedure for self-archiving theses, you may consult the relevant guides available on the homepage of PYXIDA Repository (http://www.pyxida.aueb.gr) by selecting from the menu: **Guides → Thesis Submission Instructions**.

After completing the submission of your diploma thesis on the Library's website, you will receive an electronic approval from the Library, which you must forward to the Secretariat for the issuance of your degree to proceed.

GUIDELINES FOR WRITING THE DISSERTATION THESEIS

Regarding the formatting of the text, it is recommended that the following guidelines be followed:

- The text should be written using the Times New Roman font, font size 12, with 1.5-line spacing and expanded character spacing of 0.5. In addition, the text should be fully justified.
- Each chapter should begin on a new page. It is not necessary for each section to begin on a new page. Large blank areas on pages should therefore be avoided.
- Chapter 1 should always be the Introduction of the thesis.
- The References section should follow the format presented below and should be placed after the Appendices, if any are included.

Cox, D.R. and Hinkley, D.V. (1974). *Theoretical Statistics*. Chapman and Hall, London

Tsiatis, A.A. (1982). Repeated significance testing for a general class of statistics used in censored survival analysis, *Journal of the American Statistical Association,* 77, 855-861

Tsiatis, A.A. and Kim, K. (1993). Group Sequential Methods for Survival Analysis, Short Course, *Joint Statistical Meeting, Boston*, Massachusetts

Wang, S.K. and Tsiatis, A.A. (1987). Approximately optimal one-parameter boundaries for group sequential tests, *Biometrics,* 43, 193-199

The preliminary pages should appear in the following order:

Greek Cover Page & English Cover Page *(First, the one in the language in which the thesis was written is entered*), Dedication, Acknowledgements, Short Curriculum Vitae, English Abstract, Greek Abstract, Table of Contents, List of Tables, and List of Figures.

Attention: The Cover Page must follow the specific format provided by the Department (see the file at the following link: Diploma Thesis Cover Page).

The following guidelines should be followed for page numbering:

- Pages are numbered at the bottom center of the page.
- Page numbering of the main body of the thesis starts from the Introduction, beginning with number 1.
- If Appendices are included, they are placed at the end and are not numbered separately.
- The last page of the thesis must be blank. If the format of the document does not allow this, an additional blank page should be inserted.