# uc3m Universidad Carlos III de Madrid

## Master's Thesis

Academic Year: (2021 / 2022) Review date: 09-07-2021

Department assigned to the subject: Business Administration Department

Coordinating teacher: SERRANO JIMENEZ, PEDRO JOSE

Type: Master Final Project ECTS Credits: 12.0

Year: 2 Semester: 2

## REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

The entire set of courses included in the master's teaching programme.

#### **OBJECTIVES**

- 1. To set the problem and solve it using existing bibliography.
- 2. To identify the proper methodology for answering the master thesis' objetive.
- 3. To study the actual limitations in each research line.
- 4. To assess the different methodologies.
- 5. To posit additional improvements to theoretical or empirical approaches.
- 6. To handle the basic scientific references and bibliography.
- 7. To analyze the international evidence that it is relevant for the topic under study.
- 8. To develop the skills for understanding different theories and methodologies for solving a problem or phenomenon.
- 9. To enhance a critical view about published ideas, understanting the practical limitations of each methodology.
- 10. To enhance the innovative thinking when providing solutions to research questions.
- 11. Comprender líneas de investigación abiertas en la actualidad en la comunidad científica.
- 12. Capacidad para el análisis y síntesis.
- 13. Capacidad para la organización y planificación del trabajo.
- 14. Capacidad para resolver problemas complejos de la práctica actuarial habitual.
- 15. Potenciar la capacidad de expresión oral y escrita

# **DESCRIPTION OF CONTENTS: PROGRAMME**

Here is the structure of the Master Thesis:

- 1. Títle.
- 2. Index.
- 3. Introduction to the research question.
- 4. Literature review.
- 5. Advantages and shortcomings of the posited methodology.
- 6. Further research and improvements.
- 7. Conclusions.
- 8. Bibliography.
- 9. Computer codes and Appendix

# LEARNING ACTIVITIES AND METHODOLOGY

Theoretical concepts (6 ECTS) are adquired following this schedule:

- Design of a route map and objectives jointly with the Master Thesis's Advisor.
- Guidance and advising process by the Master Thesis's Advisor.

Skills (6 ECTS) are adquired following this schedule:

- Master Thesis delivery and Evaluation by 2 referees (internal-UC3M and external).
- Master Thesis Defense (oral).

Students follow similar teaching activities within this subject. The grading system is common.

More info (oficial website):

http://www.uc3m.es/ss/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadername1=Content-Disposition&blobheadername2=Cache-Dispo

Control&blobheadervalue1=attachment%3B+filename%3D%22NORMA\_TFM\_CIENCIAS\_ACTUARIALES.pdf%22&blobheadervalue2=private&blobkey=id&blobtable=MungoBlobs&blobwhere=1371547511262&ssbinary=true

#### ASSESSMENT SYSTEM

Grading is based on two principles:

- Advisor's report.
- Master Thesis Committe grade using the grading metric.

Grading will take into account the following issues:

- A logic, understable and organized exposition of the research problem and results.
- The ability of the student to provide innovative answers to the theoretical or empirical questions of the Master Thesis.
- Clarity of exposition in the Master Thesis Defense. Shall be assessed the clarity in the exposition, and precision in answering the questions from the Committee.

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