UAB
Universitat Autònoma de Barcelona

Master's Dissertation

Code: 42855
ECTS Credits: 10

2024/2025

Degree	Type	Year
4313805 Economic Analysis	OB	2

Contact

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Teaching groups languages

You can view this information at the end of this document.

Prerequisites

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Objectives and Contextualisation

During the second year of studies, the student writes a Master's Thesis under the supervision of a faculty member. The advisor (or advisors) guides the student in his/her work. The goal of the Master's thesis is to assess the student's maturity and his/her ability to conduct independent research. The student chooses a field of interest for his/her Master's Thesis. The field of interest must be one of IDEA's fields of specialization. The student establishes, with the approval of the advisor, the research question and its boundaries. The role of the advisor is to support and guide the student's research activity. After submitting the Master's thesis, the student presents his/her work before a committee that evaluates the thesis.

Competences

- Apply the methodology of research, techniques and specific advanced resources to research and produce innovative results in a specific area of specialisation
- Conceptually analyse a specific economic problem using advanced analytical tools
- Demonstrate an open , innovative and analytical attitude towards research questions
- Design, plan and carry out economic research
- Make independent judgements and defend them dialectically
- Search for information in the scientific literature using the appropriate channels and integrate the information to propose and contextualise a research topic
- Student should possess the learning skills that enable them to continue studying in a way that is largely student led or independent
- Students should be able to integrate knowledge and face the complexity of making judgements based on information that may be incomplete or limited and includes reflections on the social and ethical responsibilities associated with the application of their knowledge and judgements
- Students should know how to apply the knowledge they have acquired and their capacity for problem solving in new or little known fields within wider (or multidisciplinary) contexts related to the area of study

- Students should know how to communicate their conclusions, knowledge and final reasoning that they hold in front of specialist and non-specialist audiences clearly and unambiguously
- Use new technology for the collection and organisation of information to solve problems in professional activities

Learning Outcomes

1. Apply the methodology of research, techniques and specific advanced resources to research and produce innovative results in a specific area of specialisation
2. Demonstrate an open , innovative and analytical attitude towards research questions
3. Frame an economic question and offer a theoretical model or empirical methodology that will offer an answer to the question
4. Give an answer to an economic question using models formed from mathematical logic or an empirical methodology that is able to identify the correct answer
5. Make independent judgements and defend them dialectically
6. Search for information in the scientific literature using the appropriate channels and integrate the information to propose and contextualise a research topic
7. Student should possess the learning skills that enable them to continue studying in a way that is largely student led or independent
8. Students should be able to integrate knowledge and face the complexity of making judgements based on information that may be incomplete or limited and includes reflections on the social and ethical responsibilities associated with the application of their knowledge and judgements
9. Students should know how to apply the knowledge they have acquired and their capacity for problem solving in new or little known fields within wider (or multidisciplinary) contexts related to the area of study
10. Students should know how to communicate their conclusions, knowledge and final reasoning that they hold in front of specialist and non-specialist audiences clearly and unambiguously
11. Use new technology for the collection and organisation of information to solve problems in professional activities

Content

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Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Supervised			
Tutorials, seminars	62.5	2.5	1, 3, 4, 6, 7, 8, 9, 10, 11
Type: Autonomous			
Writing and presenting a research article	187.5	7.5	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

• Seminars

• Tutorials

• Writing a research article

• Presenting a research article

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Master's thesis	80%	0	0	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
Presentation	20%	0	0	10

Master's Thesis (article)	80%
Presentation	20%

Bibliography

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Software

- Matlab
- R
- Phyton
- Stata

Language list

Information on the teaching languages can be checked on the CONTENTS section of the guide.