

**COURSE DATA****Data Subject**

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|----------------------|----------------------|
| Code | 43794 |
| Name | External internships |
| Cycle | Master's degree |
| ECTS Credits | 14.0 |
| Academic year | 2024 - 2025 |

Study (s)

| Degree | Center | Acad. year | Period |
|--|----------------------|-------------------|---------------|
| 2171 - Master's Degree in Actuarial and Financial Sciences | Faculty of Economics | 2 | Second term |

Subject-matter

| Degree | Subject-matter | Character |
|--|--------------------------|-------------------|
| 2171 - Master's Degree in Actuarial and Financial Sciences | 7 - External internships | External Practice |

Coordination

| Name | Department |
|------------------------------------|-------------------------|
| MORILLAS JURADO, FRANCISCO GABRIEL | 110 - Applied Economics |

SUMMARY

Once the training subjects have been completed, the final stage of the Master is dedicated to the completion of the External Practices (module II) and the Master's Final Project (module III).

Given the professional nature of the Master, it is intended that the practices are the point of departure of the Master's Thesis, and that it preferably provides some solution to improve the activity carried out in the External Practices. The practices will be developed in:

- Financial Entities: Banks, Savings Banks and Investment Entities.
- Insurance Entities.
- Consulting and Insurance Brokers.



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

Have passed the modules for the first course.

COMPETENCES (RD 1393/2007) // LEARNING OUTCOMES (RD 822/2021)

2171 - Master's Degree in Actuarial and Financial Sciences

- Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.
- Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.
- Students should communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.
- Saber realizar una gestión integral del riesgo y alcanzar los conocimientos suficientes para dar respuesta a los riesgos actuales y a los que puedan surgir resultado del cambiante entorno económico, financiero y social, con vistas a dirigir y gestionar todo tipo de entidades financieras y aseguradoras.
- Poseer las habilidades suficientes para participar en una conversación de negocios y estar capacitado para leer literatura actuarial al menos en dos de los idiomas oficiales de la Unión Europea.
- Conocer el código de conducta del Actuario así como las normas más relevantes de la práctica profesional.

LEARNING OUTCOMES (RD 1393/2007) // NO CONTENT (RD 822/2021)

Passing the module should enable students to:

- Apply the knowledge acquired during the study program to development of professional practice.
- Facilitate the transition from the academic world to the professional world, becoming familiar with the principles that govern working life: work habits, respect for the structure hierarchical, meeting schedules, relationships with co-workers, agents external to the organization, etc.



- Identify the impact on business management and professional development of the different autonomous and state administrative bodies and structures and supranationals and the importance of the relationship with them.
- Know the different elements that interact in decision-making and be able to set clear, achievable, specific and measurable objectives.
- Adapt to different environments and different business cultures.

DESCRIPTION OF CONTENTS

1. Practices in Financial Institutions

1. In the area of General Intervention, Accounting and Administration.

Collaboration in the preparation of all the economic-financial information of the entity. Collaboration in the preparation of the Action Plan, providing information to those responsible for its preparation.

2. In the Treasury and Capital Markets Area. Collaborate in the management of excess liquidity in reference to the COAP guidelines.

Contracting of fixed income products.

Collaboration in the Portfolio Management service, especially at the level of client advice.

Collaboration in the design of fixed income products.

3. Global Risk Control Area. Collaboration in the development of credit, market and operational risk control tools.

Preparation of the precise information for compliance with the supervision regime that is in force (Basel II, III).

Perfil del Tutor o de la tutora de empresa: actuario o actuaría, técnica/o de áreas como Contabilidad o Administración, especialistas en el análisis y la confección de información económico-financiera de la entidad. En áreas como Tesorería y Mercados de Capitales, o áreas de Gestión de carteras, o de control del Riesgo Global

2. Practices in Insurance Entities

Collaboration in the quantification, pricing and analysis of the enterprise risks.

Participation in the adaptation of existing products to new market needs.

Collaboration in the assessment and estimation of the risk exposure of the insured.

Collaboration in the calculation of technical provisions and their adaptation to the technical basis of the entity. Calculation of mathematical reserves in life insurance, savings and pensions.

Collaboration in the preparation of the quarterly and annual DEC to be presented to the DGSFP.

Preparation of the precise information for the coverage of the financial and actuarial magnitudes of the Pension Plans and Pension Funds.

Perfil de la Tutora o tutor de la empresa:

Actuario/a o Técnico/a en áreas como tarificación, análisis de riesgos, cálculo de bases técnicas o provisiones, o tareas similares para seguros de vida, ahorro, hogarasí mismo, en tareas de elaboración



de informes o de documentación sobre magnitudes financieras, actuariales o relacionadas.

3. Practices in Consulting and Insurance Brokers

- Preparation of the precise information for the analysis, assessment and treatment of risks.
- Preparation of reports requested by insurers for the development of their business strategies or to meet the requirements of the supervisory authorities.
- Collaboration in the design of risk management programs, adapted to the specificities of each insured or insurance company.
- Collaboration in the reserve certification process and preparation of technical notes.
- Collaboration in the control of risk provisions and in the audit of the financial statements.

Perfil del tutor o tutora de la empresa:

Técnicos/as en el análisis, valoración y tratamiento de riesgos; o en el desarrollo de sus estrategias empresariales o para atender los requerimientos de las autoridades supervisoras. Así mismo, técnicas/os en certificación de reservas y elaboración de notas técnicas o en control de las provisiones de riesgos y en la auditoría de los estados contables. Técnicas/os en elaboración y diseño de programas de gestión de riesgos, o en adaptación a las especificaciones de cada asegurado. Técnicas en análisis y gestión de las plataformas de tarificación o especialistas en gestión de carteras y venta cruzada.

WORKLOAD

| ACTIVITY | Hours | % To be attended |
|--------------|---------------|------------------|
| Internship | | 100 |
| Internship | 350,00 | 0 |
| TOTAL | 350,00 | |

TEACHING METHODOLOGY

Tutorial supervision through meetings with the student, monthly reports and follow-up contact with the tutor at headquarters.

EVALUATION

The evaluation will be carried out on the basis of three aspects, each of them with a specific weight in the final grade, being an essential condition the presentation of partial reports and the final report to pass the module.

- Periodic reports: The student must complete and deliver a periodic report to the tutor once a month. Periodic reports account for 15% of the final grade.
- Assessment of the company tutor: It will consist of a report issued by the company tutor that will be sent, completed and signed, by email to the university tutor during the ten days following the end of the internship. This assessment will be 50% of the qualification of the practice.



-Memory of practices and assessment of the university tutor: After the practice and within a maximum period of 10 days, the student will deliver the report of activities carried out to the university tutor. The report made, and the assessment of the university tutor, will account for 35% of the grade.

REFERENCES

Basic

- Guía Académica en el Aula Virtual.