

Degree	Type	Year	Semester
4317563 Transfusion Medicine and Cellular and Tissue Therapies	OB	1	2

Contact

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Use of Languages

Principal working language: English (Eng)

Other comments on languages

The primary language used during the course will be English. However, the use of Spanish will also be allowed. The course materials will also be in English.

Prerequisites

Level B2 or equivalent in English.

Objectives and Contextualisation

The master's degree dissertation constitutes a compulsory module (15 ECTS) within the proposed master's degree studies. In general terms, students work individually, under the guidance of their assigned tutor, on a final project that may or may not be experimental in nature, depending on its stated aims, and which must deal with a topic that is directly related to transfusion medicine or cellular and tissue therapies

At the end of the module, students write a dissertation on the work carried out, which they then go on to present and defend orally, by video conference.

The examining board assesses students' ability to devise, implement and present a final project, basing their judgement on the dissertations submitted and how these are presented and defended orally.

Competences

- Use acquired knowledge as a basis for originality in the development and/or application of ideas, often in a research context.

- Use acquired knowledge to solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
- Integrate knowledge and use it to make judgements in complex situations, with incomplete information, while keeping in mind social and ethical responsibilities.
- Communicate and justify conclusions clearly and unambiguously to both specialist and non-specialist audiences.
- Design and conduct strategic or research projects around transfusion medicine using the appropriate resources and methodologies.
- Recognise and apply the basic techniques and tools needed to manage the different areas of knowledge that are involved in any possible project in a blood bank.

Learning Outcomes

1. Apply different methodologies of work in different fields of study within transfusion medicine.
2. Perform a bibliographic search within the subject area of the master's degree dissertation.
3. Generate proposals that are innovative and competitive in the field of transfusion medicine by taking in account relevant ethical and social elements.
4. Identify and apply specific management techniques pertaining to the branch of knowledge which constitutes the project's framework.

Content

1. Planning stage.
2. Development stage.
3. Presentation stage.

The structure of the master's degree dissertation is:

- Introduction.
- Context.
- General and specific objectives.
- General objective of the project and specific objectives of the sub-sections.
- Materials and methods.
- Results.

- Discussion.
- Conclusions.
- Bibliography.

Methodology

The master's degree dissertation constitutes a compulsory module (15 ECTS) within the master's degree studies proposed here. In general terms, students work individually, under the guidance of their assigned tutor, on a final project that may or may not be experimental in nature, depending on its stated aims, and which must deal with a topic that is directly related to transfusion medicine or cellular and tissue therapies.

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Activities

Title	Hours	ECTS	Learning Outcomes
Type: Supervised	45	1,8	1-12
Type: Autonomous	180	7,2	1-12

Assessment

1. Written dissertation: 60%.
2. Oral presentation: 30%.
3. Process: 10%.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Written Dissertation	60 %	150	6	1-12
Oral Presentation	30 %	75	3	1-12
Process	10 %	25	1	1-12

Bibliography

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