

MASTER'S THESIS

Teaching guide: October 2023 - September 2024

Master's Degree in Health
Emergencies and Emergencies
UNIVERSITAT INTERNACIONAL DE CATALUNYA



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This teaching guide follows the requirements of the Regulations for the Final Degree Project and the Final Master's Degree of the Universitat Internacional de Catalunya, approved by the Executive Committee of the Governing Board on 30.07.2012.

Students must be familiar with both the regulations and this document for the correct development of their work: http://www.uic.es/progs/obj.uic?id=504759bc94fca

PRESENTATION

The Master's Thesis (TFM) of the Master's Degree in Health Emergencies and Emergencies (MUUES) is the name given to this compulsory subject of 6 ECTS, equivalent to 150 hours of student work. The Master's Thesis will be carried out under the guidance of a supervisor or two co-supervisors, who will be assigned to the student preferably for their experience in the line of research or in the methodology applied to the Master's Thesis, and who will act as a facilitator and facilitator of the learning process.

The Master's Thesis will be original and specific and may take the form of a quantitative research project, a qualitative research project or a systematic review of the literature.

The Master's Thesis will be carried out individually.

The main objectives of the Master's Thesis are to promote reflective critical thinking and to reinforce and integrate the skills and knowledge acquired during the MUUES in clinical matters and research methodology. Through the Master's Thesis, the student must demonstrate that he/she is able to: 1) describe and synthesize the topic to be investigated based on previous studies and scientific background, which will culminate in the conceptualization of a research question, a hypothesis and research objectives; (2) address research objectives through appropriate and ethically valid design and methodology; 3) foresee the applicability in clinical practice and research of the results or potential results obtained, as well as the inherent limitations of the proposed design; 4) Properly defend your work in court.

In order to unify the criteria and procedures that ensure and guarantee homogeneity in the organisation and assessment of this subject, the Universitat Internacional de Catalunya has an internal regulation for Bachelor's Thesis and Master's Degree Final Projects to which all official degrees offered by the UIC regulated by Royal Decree 1393/2007 will be subject. amended by Royal Decree 861/2010. This Regulation contains the basic guidelines related to the definition, design, tutelage/direction, execution, supervision, defense, evaluation, management and public availability of the TFMs.



LEARNING OBJECTIVES AND OUTCOMES

The main objectives of the Master's Thesis are to reinforce and integrate the knowledge acquired during the MUUES in clinical matters and research methodology and to promote critical and reflective thinking based on the scientific method.

At the end of the Master's Thesis, the student will be able to:

- Integrate knowledge and skills acquired in the course into their Master's Thesis.
- Develop an original scientific project.
- Carry out their work in accordance with the established standards and recommendations.
- Use the most appropriate technologies for the effective performance of their work.
- Present the project in writing, in a rigorous, clear and precise manner.
- Effectively defend their Master's Thesis, the results and conclusions obtained before a court.

COMPETENCIES OF THE TFM SUBJECT

The Master's Thesis must contribute to achieving the general, basic and specific competencies established by the MUUES report of the Universitat Internacional de Catalunya.

General Competencies

- CG4 Handle tools related to information and communication technologies and their application to specific fields of knowledge.
- CG5 Design research studies capable of generating new and specific knowledge for disciplinary, professional and institutional development.

Core Competencies

- CB6 Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
- CB9 Students must be able to communicate their conclusions and the knowledge and ultimate reasons behind them – to specialized and non-specialized audiences in a clear and unambiguous way



Specific Competencies

 CE12 – Identify the quantitative and qualitative tools and methods necessary to design and develop a research study in the clinical field of urgencies and emergencies.

CONTENTS OF THE TFM SUBJECT

The contents will be taught by the directors and the coordinator of the Master's Thesis. The directors will provide individual clinical and methodological support to the students throughout the process of completing the Master's Thesis. On the other hand, the coordinator of the Master's Thesis subject will carry out group tutorials throughout the process of completing the Master's Thesis on topics of common interest to the students.

The main contents to be covered will be:

- Modalities of Master's Thesis at the MUUES: quantitative research project, qualitative research project, systematic review.
- Literature search: main data sources.
- Synthesis of evidence in the form of background/theoretical framework. Rationale for the study.
- Operationalization of research questions, hypotheses and objectives.
- Rationale and drafting of the methodology. Ethical aspects. Data analysis.
- Writing of results obtained (systematic review).
- Discussion and conclusions (systematic review).
- Temporal feasibility of the research: timeline (projects).
- Clinical and research implications of the work.
- Limitations of the study.
- References: Main citation styles and references. Vancouver and APA style.
- Presentation of a research paper.

In addition to these contents, the fundamental theoretical contents related to research methodology to develop the Master's Thesis of the MUUES are taught in the subject

"Research, teaching and simulation in emergencies". These contents will be temporarily integrated with the schedule proposed in the TFM subject (Annex 1).

TYPOLOGY OF TFM

The MUUES Master's Thesis will be carried out individually.

The modalities of the Master's Thesis of the MUUES are:

- Quantitative research project
- Qualitative Research Project



- Systematic review

In the quantitative and qualitative research project modalities, the project will not contain results. The student will have a template of each work modality to carry out the TFM on the subject's virtual platform, which will serve as a guide.

METHODOLOGY AND SEQUENCE OF ACTIVITIES

The training activities of the Master's Thesis include, fundamentally, the individual activity of the student (130h), as well as individual and group tutorials (12h) and oral presentation (8h). The individual tutorials, indicated in the subject schedule (Annex 1), include a minimum of five meetings (face-to-face and/or online) between the TFM supervisor and the student, in which the following topics will be mainly discussed:

- 1st meeting with the director. Guidance on specific topics within the line of research.
 Approach to the first bibliographic search.
- 2nd meeting with the director. Review of the literature search. Planning of the writing of the theoretical framework, introduction, hypothesis and objectives.
- 3rd meeting with the director. Review of the theoretical framework, introduction, hypothesis and objectives. Planning of the writing of the methodology.
- 4th meeting with the director. Review of the recommendations provided by the Master's Academic Committee. Drafting of the last sections of the Master's Thesis according to modality.
- 5th meeting with the director. Essay, oral presentation.

On the other hand, the coordinator of the Master's Thesis subject will carry out face-to-face or online group tutorials throughout the process of completing the Master's Thesis on topics of common interest to all students, fundamentally related to: 1) the calendar, the modalities of the Master's Thesis and the main lines of research on which to carry out the Master's Thesis; 2) structure and contents to be incorporated in each of the sections of the Master's Thesis, both common and specific to each modality (quantitative research project, qualitative research project or systematic review); (3) preparation of the oral presentation in front of the court.

These training activities are part of the schedule (Annex 1), accessible through the subject's virtual platform, and which includes other important milestones:

a) Prior information form, to be completed by the student: form to be completed by the student at the beginning of the course to indicate their preliminary interests in the Master's Thesis, including the main line of research to be followed. This information will be collected by the coordinator of the TFM subject with the aim of aligning these interests with the area(s) of expertise of one of the



the directors.

- **b) Assignment of supervisor:** the TFM Coordinator will assign a supervisor to the TFM by field, theme or methodology. Students will receive a letter informing the assigned principal, as well as the principal's contact email address.
- c) Tutoring planning and development of the Master's Thesis: supervisor and student will plan the first four tutorials mentioned above, based on the schedule (Annex 1), and which follow the sections of a classic research work format.

During this phase, the student will work autonomously with the support of their director, based on the concepts reviewed in the group and individual tutorials. The student and the supervisor will plan the work activities that the student must carry out for the correct execution of the Master's Thesis.

There are two fundamental milestones in the development of the Master's Thesis. First of all, once the Methods section of the work has been addressed, and with the deadline indicated in the schedule, the student will submit the intermediate submission of the Master's Thesis (Annex 2) on the subject's virtual platform. This intermediate submission will include the introduction, research hypothesis/question, objectives and methods of the Master's Thesis. At the same time, the director will complete an intermediate evaluation rubric (Annex 3) on the work done by the student so far. The Master's Thesis Coordinator will validate and inform the student if they accept the intermediate submission of the Master's Thesis and, where appropriate, will propose recommendations and suggestions on it (Annex 4). The intermediate delivery of the Master's Thesis will coincide with the end of the teaching in the subject "Research, teaching and simulation in emergencies" to allow the integration of all the content seen in that subject.

Secondly, once the TFM has been completed, and according to the schedule (Annex 1), the student must submit the final report of the TFM on the subject's virtual platform. Subsequently, the supervisor will complete the final evaluation rubric (Annex 5). In order to present the Master's Thesis in front of the examining board, a minimum grade of 5 in the evaluation rubric will be required by the supervisor. In this case, the TFM Coordinator will approve the TFM for defense.

- d) Oral defense essay: the supervisors will rehearse the presentation of the Master's Thesis with the student.
- e) Public presentation of the Master's Thesis on the dates set out in the Master's Thesis schedule (Annex 1).



TUTORING PROCESS

During the tutoring process, and for the proper functioning of the process, specific functions are defined for both the director and the student. The director will be the person who advises the student in the process of learning and developing the work, following the aforementioned stages and according to the type of work chosen.

Duties of the Director

The Master's Thesis will be directed by an expert in the area of knowledge of the work and/or in the methodology applied in it. In exceptional cases, the Master's Thesis may be co-directed by another professional. The functions of the TFM director will be:

- a. Advise the student on the completion of the necessary documentation for the preparation of the intermediate submission and the TFM report.
- b. Review and advise on the content of the intermediate submission, the final report of the Master's Thesis and the presentation during the period delimited in the schedule (Annex 1).
- c. Carry out the individual meetings with the student indicated in the course schedule. It is at the discretion of the director to carry out the tutorials in person or by videoconference. The student may request additional tutorials to those indicated in the schedule, although it will be the director who considers the suitability of the same.
- d. Complete the intermediate rubric of the Master's Thesis and the final report on the dates established in the schedule.
- e. Be part of the examining board of the Master's Thesis of the supervised student.

Student Roles

- a. Complete the initial pre-information form to be assigned a director.
- b. Request tutoring. It will be the student's responsibility to contact the principal via email. The dates of the tutorials will be agreed by both parties and failure to comply with them by the student, without prior notice, will be their responsibility. The director will not be obliged to retrieve them.
- c. Present evidence of the work being done in order to be advised by the director.
- d. Submit both the TFM proposal and the final report on the subject's virtual platform according to the dates indicated in the subject schedule (Annex 1).



The assignment of topic and supervisor, the development of the Master's Thesis and its evaluation will be supervised by the Coordinator of the Master's Thesis subject.

Functions of the Master's Thesis Coordinator:

- a) Assign a supervisor according to the topic and/or methodology applied in the Master's Thesis and the number of students enrolled.
- b) Approve the TFM proposals.
- c) Approve the Master's Thesis for defense.
- d) To propose the composition of the Tribunals.
- e) Agree on evaluation criteria and conceptualize them in evaluation rubrics.
- f) Ensure the process of evaluation by competencies and their acquisition by the students.



In the TFM subject, the student is entitled to two sittings per enrolment within the corresponding academic year, and a 3rd and last sittings in another enrolment year. It is not possible to have more calls.

The student will present the intermediate delivery of the Master's Thesis through the virtual platform of the subject according to the schedule (Annex 1), using as a guide the model designed for this purpose (Annex 2). This proposal will be validated by the TFM Coordinator, who will also use the tutor's evaluation rubric as evidence (Annex 3). A minimum score of 5 in the intermediate evaluation rubric completed by the tutor will be required in order to receive, where appropriate, the approval of the TFM Coordination.

The proposals approved by the Coordination of the Master's Thesis will be valid for three years, after which, if the student has not submitted the completed Master's Thesis in any of the calls provided for in the course schedule, he/she must request its extension duly reasoned.

In the event that the Coordination does not approve the intermediate submission of the Master's Thesis, this decision must be justified in writing. In the case of detecting correctable defects in form or content, the student may correct them within a period of no less than 7 days from the communication of the same. In the event that the proposal is rejected again, the student must resubmit the intermediate submission of the Master's Thesis in the 2nd call. If the proposal is rejected in the 2nd call, the student must re-enroll in the subject in subsequent years.

If the student enrolls and decides not to submit the intermediate delivery of the Master's Thesis, it will be recorded as not presented (NP) and therefore will lose the call.

Once the student has completed the Master's Thesis, they must submit the Master's Thesis in electronic format through the subject's virtual campus on the date indicated in the schedule (Annex 1). If the student does not decide to submit the final report, it will be recorded as not presented (NP) and therefore will lose the call.

Once the report has been submitted, the supervisor will complete the final evaluation rubric (Annex 5). A minimum score of 5 in the final evaluation rubric completed by the tutor will be required in order to receive, where appropriate, the approval of the Master's Thesis Coordination for the defence of the Master's Thesis. In the event that the supervisor deems it inconvenient to present the Master's Thesis, the grade assigned to the work will be Not Presented (NP) and therefore the call will be lost.



The period of time from the approval of the completed Master's Thesis by the Coordination to its presentation must be sufficient for the preparation of the same and its public defense.

The Coordination of the Master's Thesis, once it has approved the work for its defense, will appoint the members of the Tribunal. The student will be duly informed in advance of the members of their examination board and of the date of the defense, always according to the period indicated in the course schedule.

Students who only need the Master's Thesis subject to finish their studies may take the extraordinary call for the end of studies.

Students who re-enrol in the Master's Thesis in subsequent years, if they decide to change their subject, must submit the Master's Thesis proposal (Annex 2) again to the Master's Master's Thesis Coordination for assessment, adjusting to the current course schedule.

FORMAL ASPECTS OF THE WORK

The work must be written in Spanish or Catalan and must include:

- a. Official cover page of the Master's Thesis degree from the Faculty of Medicine and Health Sciences for Master's Thesis and a blank page at the end of the document (they do not count when paginating).
 - The title is an expression or short phrase that serves to situate the topic of the Master's Thesis and the point of view from which it is treated. It is an important part of the Master's Thesis because it serves to disseminate and catalogue it. Ambiguous descriptions should be avoided.
 - The Master's Thesis is internationally protected against plagiarism, so on the back of the title page it must bear the following copyright: "The total or partial reproduction of this text by means of printing, photocopying, microfilm or others, without prior express permission from the Universitat Internacional de Catalunya, is prohibited".
- b. **Dedication** (optional): this is a tribute by the author to one or more people.
- c. Acknowledgments (optional): in this section, the student thanks their supervisor and all the people who have helped them during the completion of the Master's Thesis. It is also customary to thank the people who have authorized the use of measuring instruments or apparatus for the completion of the Master's Thesis.
- d. **Table of Contents:** will contain the titles of the fundamental sections of the work and indicate the home pages of the same.
- e. **Summary of the Master's Thesis**: it will be structured and will contain a maximum of 250 words in Spanish or Catalan and in English. The abstract will be concise and must give the reader an overall idea of the content, originality and scientific value of the



Master's Thesis.

It will be necessary to make a list of 4 or 5 keywords, preferably DeCS/MeSH terms.

- f. **Body of the Master's Thesis:** there are many ways of structuring the work. Although there are slight differences between the different modalities, there are many sections that are common. In any case, the structure of each type of work to be presented will be detailed in the specific template available to students on the virtual platform. By way of example, the general structure of the quantitative research project modality is presented:
 - 1. Introduction (background and theoretical framework)
 - 2. Hypothesis and/or research question
 - 3. Research Objectives
 - 4. Methodology
 - 5. Work Plan (Timeline)
 - 6. Relevance of the project in relation to the clinical-care and research impact (applicability)
 - 7. Limitations
- g. **References:** sorted numerically according to the order in which they appear in the text and written in Vancouver or APA format.
- h. Annexes: Data collection documents, measuring instruments, questionnaires, informed consent, audio-visual documents, etc., will be included in the annexes. The appendices allow this type of information to be offered without burdening the body of the Master's Thesis or distracting the reader from the development of the ideas. The annexes shall be separated from each other by an appropriate Annex title page. If they include images, they will be of quality and readable.

The body of the Master's Thesis will have a **length of no more than 30 pages**. References and annexes will be counted separately.

Linguistic correction, correct structuring of the sections and an adequate format of the report will be essential. To do this, **the following features** are recommended:

- The font will be Times New Roman, Arial or Verdana, 10 or 12 points, with 1.5 line spacing.
- Margins will be adjusted to the following measures:
 - o upper and lower than 2.5 cm.
 - left side at 3 cm and right side at 3 cm.
- Pagination in the lower right margin.



EVALUATION CRITERIA AND PROCEDURE OF THE SELECTION BOARD

The grade of the TFM subject will be obtained from the evaluation of the report and public defense of the work before a tribunal. Its evaluation will be carried out following the grading system for official university degrees valid throughout the national territory as set out in Royal Decree 1125/2003, of 5 September (BOE no. 224, 18 September 2003).

The evaluation is based on the evaluation of the aforementioned competencies, which will be included in an evaluation rubric approved by the Academic Committee of the Master's Degree. Each competency has its own assessment indicators or learning outcomes associated with it

Master's Thesis Board

The board is the evaluation body of the Master's Thesis. It will be made up of three members: a president, a member and a secretary proposed by the Academic Committee of the Master's Degree according to the topic of the Master's Thesis and according to criteria related to the methodology of the work presented. The president will be the professor with the highest category and seniority of the assigned professors, preferably this position being incompatible with that of director or co-director of the Master's Thesis.

The criteria for the appointment of members of the tribunals shall be:

- Preferably be professors of the Master's Degree.
- Have research experience and/or professional experience related to the objectives, topic, methodology or content of the Master's Thesis.
- All members of the examination board must have a PhD degree. In exceptional cases, they may be professors and be in the process of obtaining the Doctor's Degree.

These criteria will be considered by the TFM Coordinator, who will ensure that they are met.

Once the three members of the Tribunal have been appointed, the assigned members will have the report of the Master's Thesis at their disposal to evaluate it days before the public defense.

The Coordination of the Master's Thesis will convene the oral and public presentation session of each Master's Thesis within the period provided in the Master's Thesis schedule in the corresponding call (Annex 1). In this way, the set of sessions will be scheduled by courts, days, times and place of the exhibition and evaluation.

Exceptionally, the presentation by the student may be behind closed doors, if there is an intellectual protection interest promoted by a natural or legal person.



Master's Thesis Evaluation Criteria

The mark of the Master's Thesis will be obtained from the sum of the grade obtained in the grade of the Master's Thesis report (70%) and the oral presentation (30%). This grade will be obtained by applying the rubrics (Annex 5) and available to students in the virtual space of the subject. The main areas to be assessed will be:

- 1. Formal correction of the written report.
- 2. The content of the written report, both in its specific elements and in a global way.
- 3. The oral defense in court.

TFM DEFENCE ACT

The act of reading and defending the Master's Thesis will last approximately one hour and during this time the following will take place:

- Presentation and constitution of the board by the President, who will give way to the student. Estimated duration: 5 minutes.
- The reading/presentation of the Master's Thesis by the student will be approximately 15 minutes, at the discretion of the president.
- A round of questions, opinions, criticisms or suggestions from the members of the Board, with the option of answer or comment by the student. Estimated duration: 20 minutes (10 minutes for questions and 10 minutes for student answers).
- Optionally, at the discretion of the President, the possible participation of the members of the Doctors attending the exhibition as an audience.
- Deliberation of the court: an estimated time of 10 minutes, although it may be extended at the discretion of the President.
- Farewell to the student from the board. 10 minutes.

Once the Master's Thesis has been presented publicly, it will be evaluated behind closed doors by the appointed panel and each member will issue a grade. The board, after deliberating, will publicly give a qualitative final grade (fail, pass, notable and outstanding) and quantitative grade (from 0 to 10, with one decimal), according to the criteria established above by applying the corresponding evaluation rubrics.

The corresponding Minutes will be signed, which will be delivered to the Coordination of the Master's Thesis for registration.

The mention of "Distinction of Honor" (MH) may be awarded to works that have obtained a grade equal to or greater than 9.5. They will be exceptional works that have tackled a problem of great complexity, or with great originality in their approaches, have gone beyond the objectives initially proposed, have been presented with great clarity and



have been defended with a clear argument based on logical reasoning. It will be the Coordination of the Master's Thesis who, at the proposal of the board, will assess the suitability to opt for MH.

EVALUATION PROCESS

The supervisors must submit the final signature of the Master's Thesis (Annex 5) to the Master's Degree Secretary **so** that the Master's Thesis Coordination can assess the suitability of its public defense. Even if the final assessment document is favourable, the final decision to approve the public defence of the Master's Thesis in front of a court is solely up to the Master's Thesis Coordination.

The evaluation process responds to a competency-based evaluation of the Master's Thesis. It is up to the members of the examination board to evaluate the report and the oral presentation of the Master's Thesis using the evaluation rubrics (Annex 5):

- Heading 1: Oral communication (reading and public defence): assessed by the court at the end of the defence. Each member will make his/her own assessment. An average of the 3 marks will be made. This grade will correspond to 30% of the final grade.
- Heading 2: evaluation of the TFM report: evaluation of competencies through outcome indicators. They are evaluated by the members of the tribunal. Each member will make his/her own assessment. An average of the 3 marks will be made. This grade will correspond to 70% of the final grade.

COPIES OF THE MASTER'S THESIS FOR THE MEMBERS OF THE EXAMINATION BOARD

Each student will submit the Master's Thesis in electronic PDF format on the scheduled date according to the schedule (Annex 1) through the assignment available on the virtual campus of the subject created for this purpose.

Once the Master's Degree Coordinator has approved the Master's Thesis Coordination has approved the Master's Thesis for defence, the Master's Degree Secretariat will make available to the examination board a copy of the Master's thesis report and the assessment rubrics (Annex 5) in order to complete it.

COMMITMENT OF THE DIRECTOR AND MEMBERS OF THE BOARD

The supervisor and the rest of the members of the board may terminate their commitment after written justification and approval by the TFM Coordinator. In this case, the proposal for a substitute(s) must be submitted by the resignee(s), which must be approved by the TFM Coordination.

On the other hand, the student, after justification in writing, may ask the TFM Coordinator for a



new supervisor or co-supervisor, a request that the TFM Coordination will assess for approval.

NOTES AND SIGNING OF MINUTES

Grades in 1st and 2nd call

If the student has attended the tutorials but finally does not present the Master's Thesis because they have not finished the work, the grade will be an NP (Not Presented).

This aspect will be considered in both the 1st and 2nd calls.

Grades in 3rd call

The MUUES only has 3 calls. Therefore, the 3rd is the last call. The student can enrol in the TFM subject the following academic year or later. You will have an entire course to do the work.

The evaluation will be identical to the 1st call and the student will have to follow the schedule established for the current edition.

Signing of Minutes

The Master's Secretary's Office will prepare the individual minutes of each defence act. The minutes must be signed by the 3 members of the board (President, Secretary and Member) and by the student who has defended them.

The secretary of the examination board will be responsible for completing the minutes, reading them at the end of their deliberations and obtaining the student's signature, and delivering them.

PUBLICATION OF TFM IN RECERCAT

Master's Thesis that obtains a **grade equal to or higher than 9** may be recommended by the evaluation board to be published in the repository of academic works of RECERCAT.

The student will be informed of the decision and those who wish to publish the decision, from the Secretariat of the Commission and from the Library Department, will be given support and will be informed of the procedures to be followed.

You must sign the contract and follow the necessary administrative procedures to obtain the publication and complete the necessary documentation for RECERCAT.

INTELLECTUAL PROPERTY

Master's Theses are works protected by the Intellectual Property Law. Consequently, the copyright of such works belongs to their authors, considering authors both the



student as well as the director of the project. The intellectual property of the Master's Thesis of the Universitat Internacional de Catalunya is regulated by current regulations (see Internal Regulations for the Final Degree and Final Master's Degree Project of the Universitat Internacional de Catalunya): http://www.uic.es/progs/obj.uic?id=504759bc94fca



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MASTER'S DEGREE IN HEALTH EMERGENCIES AND EMERGENCIES 5th edition 23/24

TFM TIMELINE v.1

NU M.	TOPICS TO BE DISCUSSED	1ST AI SUMMONER	2ND CALL RIA	NES INTERVENTION				
1	Presentation of the subject to the students.	Octo	ober 19, 2023	TFM Coordinator				
2	Completion by the student of the prior information form (Google Forms).		to 24 October 023	Pupil				
3	Face-to-face/online tutoring.	Nove	mber 2, 2023	TFM Coordinator				
4	Assignment of tutor by field, subject or methodology.		tober 24 to ber 14, 2023	Academic Coordinator				
5	Notification of the assignment of a tutor to students.	Novembe	r 16-21, 2023	Academic Coordinator + Secretariat				
6	1st meeting with the tutor. Provide guidance on specific topics. Conduct a literature search.	Month of Nove	mber - December 2023	Student + Tutor				
7	2nd meeting with the tutor. Review literature search. Writing of introduction, theoretical framework, hypothesis and objectives.	Month	of January 2024	Student + Tutor				
8	Face-to-face/online tutoring	Febr	uary 22, 2024	TFM Coordinator				
9	3rd meeting with the tutor . Review theoretical framework, introduction, hypotheses and objectives. Methodology writing.	Month	of February 2024	Student + Tutor				
10	The student deposits the intermediate submission of the Master's Thesis in Moodle and Google Drive	Limit 20 March 2024	From 1 to 6 June 2024	Student + Tutor				
11	The tutor completes the intermediate rubric	Deadline: April 4, 2024	From 26 to 30 June 2024	Student + Tutor				
12	4th meeting with the tutor. Writing of the following TFM sections depending on the modality.	From April 26 to May 6, 2024	Student + Tutor					
13	Face-to-face/online tutoring	EAF	RRING	TFM Coordinator				



14	Students confirm whether they submit the Master's Thesis in the 1st or 2nd sitting.	May 15, 2024	NA	Student + TFM Coordinator + Secretariat
15	Student delivers Master's Thesis to tutor. Latest fixes.	From 23 to 27 May 2024	September 2- 6, 2024	Student + Tutor
16	Deposit of the Master's Thesis in Moodle and Google Drive	Deadline: June 12, 2024	Deadline: September 10, 2024	Pupil
17	The tutor completes the final rubric	Deadline: June 20, 2024	Deadline: September 16 2024	Tutor
18	Face-to-face/online tutoring	EARR	ING	TFM Coordin ator
18	Face-to-face/online tutoring 5th meeting with the tutor. Essay, oral presentation.	From June 25 to July 3, 2024	From 16 to 22 September 2024	Coordin
	5th meeting with the tutor.	From June 25	From 16 to 22 September	Coordin ator
19	5th meeting with the tutor. Essay, oral presentation.	From June 25 to July 3, 2024	From 16 to 22 September 2024 25, 26 and 27 September	Coordin ator Student + Tutor

Important dates to keep in mind

IMPORTANT: NO DELIVERIES WILL BE ACCEPTED OUTSIDE THE ESTABLISHED PERIODS



ANNEX 2: MASTER'S THESIS FORMAT

Universitat Internacional de Catalunya Facultad de Medicina y Ciencias de la Salud



Trabajo de Fin de Máster

[Denominación del Trabajo de Fin de Máster]

Máster Universitario en Urgencias y Emergencias Sanitarias

Autor [Nombre y Apellidos]
Director [Nombre y Apellidos]
Fecha de presentación [dd/mm/aaaa]



	Rúbrica 2 - Evaluativa TFM - R	levisión	Sistem	ática			
				PRESID	ENTE		
	Resultados de aprendizaje	Nunca	Poco	A veces	Casi Siem pre	Siem pre	Nota
A - Corrección	formal del trabajo (15%)			15%			#N/D
El alumno sigue la: guía docente (CB1	s normas de presentación del trabajo escrito facilitadas en la ol	1	2	3	4	5	
	amente según el estilo Vancouver o APA (CG3)	1	2	3	4	5	
La narración del te	oxto escrito es ordenada y correcta en su estilo (CG5)	1	2	3	4	5	
	del documento como pulcritud, paginación, impresión, etc.,	1	2	3	4	5	
son los adecuado:	5 (CB10, CG1)	NOTAFIN	IAL: Corre	cción form	al del tra	bajo	#N/D
						,	
B - Contenido	del trabajo (65%)						
				25%			#N/D
	El alumno introduce el tema de estudio y sitúa al lector desde el inicio de manera precisa (CG3)	1	2	3	4	5	
	El alumno ha realizado una profunda revisión de la literatura, nacional e internacional. Sitúa y contextualiza su estudio a la luz de la literatura (CG3, CB6)	1	2	3	4	5	
	Las fundamentaciones teóricas están alineadas con los	1	2	3	4	5	
Introducción	objetivos (CG3) Usa con precisión los datos que utiliza (CB6, CE10)	1	2	3	4	5	
	La fundamentación teórica está secuenciada correctamente, de lo general a lo particular (CG3)	1	2	3	4	5	
	Justifica adecuamente la pertinencia y el interés del estudio (CG5)	1	2	3	4	5	
	Aporta más de 20 referencias bibliográficas relevantes (CG3)	1	2	3	4	5	
				#N/D			
Pregunta de	El alumno formula una pregunta técnicamente correcta para realizar la RS (CG3)	1	2	3	4	5	
investigación y objetivos	Los objetivos planteados son claros, precisos y factibles de	1	2	3	4	5	
	acuerdo a una RS /CG31			25%			#N/D
	El trabajo presenta coherencia metodológica para responder	1	2	3	4	5	
	a la pregunta formulada (CE1, CE2, CE3) El alumno define correctamente los criterios de inclusión y	1	2	3	4	5	
	exclusión de los estudios (CE1, CE2, CE3) El alumno específica correctamente las bases de datos y	_		<u> </u>	<u> </u>	_	
	otras fuentes de información sobre las que realizar la búsqueda (CE1, CE2, CE3) El alumno plantes una estrategia de búsqueda adecuada	1	2	3	4	5	
Metodología	(CEL, CE2, CE3)	1	2	3	4	5	
	El alumno aplica un método de selección de estudios adecuado (CE1, CE2, CE3)	1	2	3	4	5	
	El alumno indica correctamente qué ítems se han recogido en el proceso de recogida de datos	1	2	3	4	5	
	El alumno plantea correctamente una evaluación de la calidad de los estudios (E). Cochrane, Newcastle-Ottawa, etc.) (CE1, CE2, CE3)	1	2	3	4	5	
<u> </u>	ı	NOTAFIN	IAL: Conte	nido del tra	abajo		#N/D
C - Apreciación	nglobal del trabajo			20%			#N/D
•	abajo en su conjunto γ/o de otras cualidades no valoradas riterios (originalidad γ relevancia del tema) (CE1)	1	2	3	4	5	
		NOTA FIN	IAL: Aprec	iación glob	al trabaj	jo	#N/D
				NOTA	FINAL		#N/D



				PRE	SIDEN	TE	
	Resultados de aprendizaje	Nunca	Poco	A veces	Casi Siem pre	Siempre	Nota
- Corrección	formal del trabajo (15%)			15%			#N/D
	s normas de presentación del trabajo escrito facilitadas en la guía docente	1	2	3	4	5	
ogs)	amente según el estilo Vancouver o APA (CGS)	1	2	3	4	5	
	exto escrito es ordenada y correcta en su estillo (CGS)	1	2	3	4	5	
	s del documento como pulcritud, paginación, impresión, etc., son los		V 4	10	-		
decuados (CB9)		1	2	3	4	5	
		NOTA FIN	IAL: Corre	cción form	al del tra	ibajo	#N/D
-Contenido	del trabajo (65%)						
IMPERIORISMO ACCUMINATION I				25%			#N/D
	El alumno introduce el tema de estudio y sitúa al lector desde el inicio de	1	2	3	4	5	
	manera precisa (CGS) El alumno ha realizado una profunda revisión de la literatura, nacional e	V 55 //	20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	100	0.5 V)	1000	
	internacional. Sitúa y contextualiza su estudio a la luz de la literatura (CGS, CB6)	1	2	3	4	5	
	Las fundamentaciones teóricas están alineadas con los objetivos (CGS)	1	2	3	4	5	1
Introducción	Usa con precisión los datos que utiliza (CB6, CE10)	1	2	3	4	5	
	La fundamentación teórica está secuenciada correctamente, de lo general a lo particular (CGS)	1	2	3	4	5	
	Justifica adecuamente la pertinencia y el interés del estudio (CGS)	1	2	3	4	5	
	Aporta más de 20 referencias bibliográficas relevantes (CGS)	1	2	3	4	5	
		100		15X		2000	#N/D
Pregunta de	El alumno formula una pregunta de investigación y/o hipótesis	1	2	3	4	5	
investigación,	técnicamente correctas (CG5)	1	2	3	4	5	
hipótesis y	Los objetivos planteados son claros, precisos y factibles (CG5)	1	2	25%	-	3	#N/D
	El diseño se define correctamente y es coherente para responder los					_	
	objetivos propuestos (CG5, CE10)	1	2	3	4	5	
	El ámbito y población de estudio se describen correctamente (CGS, CE10)	1	2	3	4	5	
	Se describe correctamente el tipo de muestreo, así como los criterios de	-	0 0		-		
	selección, y se justifica el tamaño muestral de manera adecuada de	1	2	3	4	5	
	acuerdo al objetivo y método propuesto (CGS, CE10) Se describen correctamente los instrumentos de medida y el proceso de			-	- ·	- 2	
	recogida de datos (CG5, CE10)	1	2	3	4	5	
Metodología	El alumno presenta un análisis de datos (cualitativo o cuantitativo)	1	2	3	4	5	
	explicito, coherente y adecuado para responder los objetivos planteados (CG5, CE10)	1		3			
	En proyectos de metodología cualitativa: se consideran los criterios de			1	-		
	rigor.		_				
	En proyectos de metodología cuantitativa: se definen correctamente las variables y, en caso de estudios intervencionales, se describe	1	2	3	4	5	
	correctamente la intervención y el enmascaramiento (si se da). (CGS, CE10)		J	3 V	-		
	El cronograma que plantea es adecuado y coherente (CG5, CB6)	1	2	3	4	5	
		NOTA FIN	IAL: Conte	nido del tr	abajo	#N/D	
- Apreciació	n global del trabajo	1/4-		20%			#N/D
00000000000000000000000000000000000000	Name of the Original Action of the Control of the C	1	-		-		mity D
	abajo en su conjunto y /o de otras cualidades no valoradas en los anteriores ras, originalidad y relevancia del tema) (CGS, CB6)	1	2	3	4	5	
		NOTA FIN	AL: Apre	iación glol	bal traba	jo	#N/D



RESPONSE OF THE COORDINATION OF THE MASTER'S THESIS TO THE INTERMEDIATE DELIVERY OF THE MASTER'S THESIS

Master's Degree in Health Emergencies and Emergencies

Title of the Master's Thesis Evaluated:
Student:
The Coordination of the Master's Thesis of the Master's Degree in Health Emergencies and Emergencies decides:
ACCEPT without changes and/or
considerations ACCEPT with minor
considerations ACCEPT with major
considerations
DO NOT ACCEPT due to methodological or content deficits
The intermediate submission of the Master's Thesis submitted by the student, on the dayto
be able to continue with the execution of the Work The end of
Master's Degree, Directed by the director and opt for the
defence of the Master's Thesis in the 1st call, on the
Feedback for the learner (if applicable):
Strengths:
Weaknesses:



Suggestions for the student:													
Sant Cugat, a	Aug 2023												



Heading 1: Oral Communication (Reading and Public Advocacy)

	Rúbrica	1 - Comu	ınicación	Oral					Al	.UMNO:													
				PRES	IDENTE				VOCAL							SECRETARIO/A							
Competencia	Indicadores a evaluar	No se ajusta	Se ajusta poco	Más o menos se ajusta	Casi se ajusta	Tiempo adecuado	NOT	'A	No se ajusta	Se ajusta poco	Más o menos se ajusta	Casi se ajusta	Tiempo adecuado	NO	ГА	No se ajusta	Se ajusta poco	Más o menos se ajusta	Casi se ajusta	Tiempo adecuado	N	ОТА	
	Tiempo de presentación (15')	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	
		Lee	Lee mucho	Lee la mitad de las veces	Lee un poco	Espontáneo			Lee	Lee mucho	Lee la mitad de las veces	Lee un poco	Espontáneo			Lee	Lee mucho	mitad de	Lee un poco	Espontáneo			
CB9 - Que los estudiantes sepan comunicar	Presenta un discurso comprensible, coherente y bien construido	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	
sus conclusiones		Ninguno	Muy poco	Poco	Bastante	Adecuado			Ninguno	Muy poco	Poco	Bastante	Adecuado			Ninguno	Muy poco	Poco	Bastante	Adecuado			
-y los	Síntesis de ideas	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	
razones últimas	Contacto visual con la audiencia / Miembros de tribunal	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	
que las sustentan- a públicos		Nada adecuada	Muy poco adecuado	Poco adecuado	Más o menos adecuado	Adecuado			Nada adecuada	Muy poco adecuado	Poco adecuado	Más o menos adecuado	Adecuado			Nada adecuada	Muy poco adecuado	Poco adecuado	Más o menos adecuado	Adecuado			
especializados y	Corrección en el estilo formal del acto de defensa	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	
no especializados de	Iconografía y contenido	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	
un modo claro y sin ambigüedades		Ninguna	Muy poco	Poco	Responde aunque no clarifica	Responde y Clarifica			Ninguna	Muy poco	Poco	Responde aunque no clarifica	Responde y Clarifica			Ninguna	Muy poco	Poco	Responde aunque no clarifica	Responde y Clarifica			
ampiguedades	Explicaciones delante del tribunal	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	
	El alumno comprende y domina suficientemente el tema que presenta	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	1	2	3	4	5		MN/D	

1



Rubric 2: evaluation of the Master's thesis report

	Rúbrica 2 - Evaluativa TFM - Ro	ALUMNO: 0,00																	
			- 1	RESID	ENTE					VOCA			SE	CRETA	RIO/A				
	Resultados de aprendicaje	Nunca	Poco	A Veces	Cast Stem pre	Siam pre	Note	Nunca	Poco	A VECNE	Cast Slem pre	Slere pre	Note	Nunca	Poco	A Vector	Cast Stem pre	Siem pre	Note
A - Corrección formal del trabajo (10%)				10%			my/D			10%			m\/D			10%			myb.
E atumno sigue la guia discente (CES	e normes de presentación del trabajo escrito facilitadas en la ció	1	2	3	4	5		1	2	a	4	5		1	2	3	4	5	
Coferencia correct	lamente según el estilo Vancouver o APA (CSS)	1	2	ä	4	5		1	2	a	4	5		1	2	3	4	5	
	mis morto m ordenate y correcte en su millo (COS)	1	2	3	4	5		1	2	3	4	5		1	2	3	4	5	
Aspectos formales son los adecuados	e del documento como pulcifical, paginación, impresión, etc., e (CB10, CB1)	1	2	3	4	5		1	2	a	4	5		1	2	3	4	5	
		NOTAFIE	NAL: Corre	ocián form	ui del tro	ibijo	my'o	NOTAFIN	AL: Corre	cdin form	al delite	bajo -	my'o	NOTAFI	ML: Carre	edên farm	al del tra	bejo .	my/o
B - Contenido o	del trabajo (10%)							_					_						
				10%			my/D			10%			my'D			10%			my/D
	El recurren expone les litres principales de la revisión de	1	2	3	4	5		1	2	a	4	5		1	2	а	4	5	
	Some children preche (CSL, CSS) El recurren y el abstractino superan les 250 palabres y	1	2	3	4	5	Н	1	2	a	4	5		1	2	3	4	5	
Resultion	choen un formate estructurado (CSS). Se presente un abstract del trabajo correctamente escrito en	1	2	а	4	5	\vdash	1	2	a	4	5		1	2	3	4	5	
	Inglé (CS) Usa 6-9 layerets adecuadas en castellano e lugila (CSS)	1	2	3	4	5		1	2	3	4	5		1	2	3	4	5	
				10%			my/D			10%			m\/D			10%			my/o
	Eletorno introduce di teme de estudio y citie al lector	1	2	a	4	s		1	2	a	4	5		1	2	а	4	5	
	desde el tristo de manere precha (CRR)		_	_	_	Ĺ		<u> </u>	_	_	<u> </u>	_		<u> </u>	_	_	_	Ĺ	
	El atureno ha melibado uma profunda restalón de la Resetura, nacional elinternacional. Sido y contentualiza su	1	2	a	4	5		1	2	a	4	5		1	2	a	4	5	
	estudio a la lur de la Resolute (CSR, CSR) Les fundamentaziones teóricas están altreadas con los	-	-	-	-				-	-	-	-		_	-	-	_	-	
Introdución	objetivos (CES)	1	2	3	4	5		1	2	3	4	5		1	2	3	4	5	
	Use con predation los datos que utiliza (CRA, CRLC) La fundamentación teórica está secuenciada correctamente.	1	2	a	4	5		1	2	à	4	_		1	2	3	4	5	
	de lo general a lo particular (CSS)	1	2	3	4	5		1	3	а	4	5		1	2	3	4	s	
	location electroments is perthenologist in term del estudio (cost)	1	2	3	4	5		1	2	a	4	5		1	2	3	4	5	
	(CCR) Aporta más de 20 referencias intellográficas relevantes (CCR)	1	2	a	4	5		1	2	а	4	5		1	2	3	4	5	
				10%			my/D			10%			my'D			10%			myb
Prograta de	El alumno formula una pregunta técnicamenta comecta para	1	2	a	4	5		1	2	а	4	5		1	2	3	4	5	
inectigodiny	mailior la 65 (CSS) Los objetimos planteados son clanos, practicos y facilities de	_	2	3		_		-	2	-		_			_	2		_	
dejethras	morello a una ES (CES)	1	2	1000	4	\$	my/D	1	2	10%	4	S	m\/D	1	2	1000	4	\$	myb
	El trabajo presenta coherencia metodoligica para responder	1	2	3	4	5	mqu.	1	2	3	4	s	-40	1	2	3	4	5	- de
	a la presenta formulada (CR), CR3, CR3). El alumno dell'es comerciamentarios oritorios de inclusión y	1	2	3	4	5	Н	1	2	3	4	5		1	2	3	4	5	
	materillo de los estudios (CR. CR. CR.) E alumno específica correctamente las bases de datos y		*		•	*	Н	1	*		1	>					•	3	
	otres fuentes de Información sobre las que resitar la	1	2	3	4	5		1	2	a	4	5		1	2	3	4	5	
Metodología	bioquele (CEL, CEL, CES) E alumno plantae una miningle de bioquele adecuada	1	2	3	4	5	Н	1	2	a	4	5		1	2	3	4	5	
	(C.E., C.E., C.E.) El atumno aplica un método de odección de extudios	1	2	3	4	5	Н	1	2	3	4	5		1	2	а	4	5	
	edecuado (CEL, CEL, CEL) El alumno Indica correctamente quellitera serban recoglido	1	2	a	4	5	Н	1	2	a	4	5		1	2	a	4	5	
	en el proceso de recogida de datos	•	•	*	<u> </u>	-	Н	-	*	-	<u> </u>	-			*	-	_	*	
	If always plants a constituent is one evaluation to be subtlet the less estation (E). Gebruse, Newsonite Orienne, etc.) (CE), CE), CE)	1	2	3	4	5		1	2	a	4	5		1	2	3	4	5	
				30%			my'D			20%			my'D			20%			N/O
	El estudiante describe los resultados de la bisqueda y de la sebución de estudios de manera correcta (por ejemplo,	1	2	a	4	5		1	2	a	4	5		1	2	3	4	s	
	utilisando un diagrama de flujo) E estudiante plantes una matific de estrucción de datos	_	_		_			\vdash			_	_		\vdash				_	
	coherente y adecuada con los objetivos del estudio (CEL,	1	2	3	4	5		1	2	а	4	5		1	2	3	4	5	
	(25), (26). Il alumo aplia cometamento la lamamiento de evaluación de la	-	_	-	4	ļ.						s		_		_	4	-	
	usidad de les estudies (Ej. Contrava, Neurostie Ottores, etc.) (CTL, CTL, CES)	1	2	a	_	5		1	2	a	4			1	3	a	_	5	
Resultados y Discusión	El estudiante plantes unos resultados coherentes y sobratios con la presunta y metodología aplicada (CRF)	1	2	ä	4	5		1	2	a	4	5		1	2	3	4	5	
	Los resultados están blen escritos dendificamente, con una namación clara y ordenada (CSS)	1	2	a	4	5		1	2	a	4	5		1	2	3	4	5	
	La discussión estálisten nerreda, clare y argumentada a la fue de la liberatura (CO2)	1	2	3	4	5		1	2	a	4	5		1	2	3	4	5	
	El alumno plantas unas Implicaciones para la práctica coherentes con el estudio que plantas (CES)	1	2	3	4	5		1	2	a	4	5		1	2	a	4	5	
	El alumno plantas unas Implicationes para la Investigación concentra con el actualis que cincola (1971)	1	2	3	4	5		1	2	a	4	5		1	2	3	4	5	
	Las conclusionas con coherentas y adecuatas at as tudio	1	2	3	4	5		1	2	a	4	5		1	2	a	4	5	
	melitado (CRI)	•	<u> </u>	58	_	-	my/D		-	5%	<u> </u>	-	en/D	-		58	_	-	myb
	Argumenta comectamente por qué no se requiere la		-		-	-						-					-	-	
fitzade la Investigación	wetración de un comité de ética de la Investigación (CELE)	1	2	3	4	5		1	2	a	4	5		1	2	3	4	5	
	Brita el plaglo de textos, ya sea completa o pancialmente (CDK)	1	2	3	4	5		1	2	3	4	5		1	2	3	4	5	
		1		5%			mV/D			5%			my'D			5%			my/D
Anecos	Anexos E material de soporte es el adecuado y defilhador (CD4)		2	3	4	\$	-	1	3	3	4	5	-	1	2	3	4	5	
		NOTAFIE	NAL: Conte	ndo del T	atajo .		mVD	NOTAFIN	ML Contr	rido del Tr	dejo		ent/D	NOTARE	ALI CONTR	eido del tr	ebejo		my/o
C - Apreclación	n global del trabajo			20%			my/D			20%	_		my'D			20%			my/D
Aprechación del tre en los aprincipos	stajo en su conjunto y jo de otras cualidades no valoradas otrantos (originalidad y relevancia del temp) (CEL)	1	2	а	4	5		1	2	a	4	5		1	2	а	4	5	
	The state of the s				-10-1		and the						and the						
		NOTAFIE	ML: Apric				my'D	NOTAFIN	ML Apres	decide glab			ent/D	NOTA RE	ML Apres	adio (bi		-	my/o
				NOTA	FINAL	200% 70%	my/D			NOTA	FINAL		my'D			NOTA	FINAL	100% 70%	
							-						-						THE REAL PROPERTY.



	Rúbrica 2 - Evaluativa TFM - Proy	ALUMNO: 0,00																	
	RUDICAL-EVALUATION THAT PROP							~						_		nint.			
PRESIDENTE Carl com-										VOCAL							RIO/A		
	Resultados de aprendizaje	Nunca	Paca	WHICHE	Siem	Slere pre	Note	Nunca	Poco	VINCES	Slam	Siem pre	Note	Nunca	Paco	WHORE	Siem	Siem pre	Note
A - Corrección	formal del trabajo (10%)			50%			MV D			10%			my'o			50%			MI/D
El alumno signe la	nomes de presentación del trabajo morto facilitades en la	1	2	8	4	5		1	2	à	4	5		1	2		4	5	
ande discrete (CS) Antonio discrete	emente según el millo timosover o AFA (COS)	1	2	8	4	5	\blacksquare	1	2	à	4	5		1	2		4	5	
	eto morto m ordenato posmeta er su millo (CSE)	1	2	8	4	5	\vdash	1	2	à	4	5		1	2	8	4	5	
Aspectos formale	del documento como pulcritud, paginación, imprasión, etc.,	1	2	8	4	5	\blacksquare	1	2	à	4	5		1	2	8	4	5	
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