



Master's Degree in Materials Science

INTERNSHIP AND MASTER THESIS REGULATION (Students enrolled since 2017)

AIM

Aim of INTERNSHIP & MASTER THESIS is to provide graduate students with a training opportunity so as to acquire practical skills of team working and methodological experience in scientific and industrial research. Focus of these activities is the detailed investigation of an issue in the field of materials science, with potential implications in technology and innovation.

APPLICATION FOR INTERNSHIP AND MASTER THESIS (MATERIALS SCIENCE TRACK)

INTERNSHIP & MASTER THESIS are usually, but not necessarily, focussed on a single project. After approval by the Consiglio di Coordinamento Didattico (CCD), the project proposal becomes visible on the "stage section" of the "Segreteria Online" web page. The project needs the agreement by a teacher of the University, as a University Tutor (tutor universitario) and, in the case of external internship, by a company, through a Company Tutor named "tutor aziendale". In the case of Internal Internship, the "tutor aziendale" is the Lab Tutor responsible for the practical activity. The INTERNSHIP & MASTER THESIS activity can start after approval by CCD of the application that the student must submit to the Secretary (didattica.materiali@unimib.it) by filling in the "Application Form – Internship and Thesis" available on the e-learning platform (<https://elearning.unimib.it/mod/folder/view.php?id=289936>) during the week before the CCD meeting. Only students with **at least 45 ECTS** can submit INTERNSHIP & MASTER THESIS application. Students must conclude the INTERNSHIP at least 30 days before the thesis defence.

ECTS ACQUISITION PROCEDURE (MATERIALS SCIENCE TRACK)

INTERNSHIP (3 ECTS). INTERNSHIP is carried out either in a University research laboratory or in a R&D laboratory of a company. During the INTERNSHIP, the student activity is supervised by two tutors. The "tutor universitario" is a teacher of the Course, who contributes to the project proposal, formally approves the project and finally certifies the acquisition of 3 ECTS through the online procedure on the personal institutional web page. The tutor "aziendale" is the laboratory supervisor and is appointed by the industrial company in case of external INTERNSHIP. In case of internal INTERNSHIP, the tutor "aziendale" is a teacher/researcher of the University.

MASTER THESIS (30 ECTS). Students discuss the activity and results of the MASTER THESIS, with the final acquisition of 30 ECTS, in an open presentation during the Thesis defence, i.e. the FINAL EXAM, evaluated by an academic Committee. It is mandatory the use of English language during Thesis defense of students of the Dual Degree track. The student develops the Master Thesis, which can be inspired by the INTERNSHIP activity, under the guide of a supervisor, who is also the University Tutor of the INTERNSHIP and enters in the Committee of the MASTER THESIS defence.

INTERNSHIP AND MASTER THESIS (DOUBLE DEGREE - SUSTAINABLE MATERIAL SUMA-TRACK)

INTERNSHIP (**6 ECTS** in the plan of study of Leuven University) follows the regulation of the exit University. The MASTER THESIS is carried out in the 2nd academic year at the exit University following its regulation. One of the MASTER THESIS supervisors is indicated by the Italian CCD in agreement with the Committee of the exit University. The student must communicate the UNIMIB Supervisor to the CCD, before starting the Master Thesis, by using the "Application Form – Internship and Thesis" available on the e-learning platform (<https://elearning.unimib.it/mod/folder/view.php?id=289936>).

FINAL EXAM (MATERIALS SCIENCE TRACK)

The FINAL EXAM includes the preparation of a written report (Master Thesis) and an oral presentation. The procedure before the FINAL EXAM includes the following steps:

- Candidates must send formal application for the FINAL EXAM to the online secretary according to the deadline indicated in the official web site of the Course (on the e-learning platform) for each session.
- Candidates must print the declaration of the thesis title and send it to segr.studenti.scienze@unimib.it via institutional mail account @campus.unimib.it.
- Candidates must then complete all exams before the fixed deadline.
- Candidates must send the abstract of the Master Thesis to didattica.materiali@unimib.it before the deadline indicated in the official web site of the Course (on the e-learning platform) for each session.
- Candidates must send the Master Thesis to didattica.materiali@unimib.it as a pdf file at least 3 days before the defence.
- Candidates must give a printed copy to the Committee before the beginning of the oral presentation.

Candidate must present and discuss in English her/his Master Thesis with the Committee in about 20 min. The FINAL EXAM grade ranges from 0.0 to 8.0, adding the following contributions up to a maximum grade of 8.0:

- a contribution from 0.0 to 4.0 assigned by the supervisor/s,
- a contribution from 0.0 to 4.0 assigned by the rest of the Committee (excluding the supervisor/s),
- a bonus of 1.0 if the candidate completes the track in due time within two academic years.

If the sum of the contributions is larger than 8.0, the total grade is equal to the maximum value of 8.0.

The final Degree grade is calculated by the Committee rounding up to the nearest integer the sum of the FINAL EXAM grade with the weighted average of all track grades on a scale in which 110 is the highest value.