

Master's degree in Mechanical Engineering for Sustainability

Presentation for II year students

Monday, October 1st 2024

School of Engineering- Forlì Campus

Department of Industrial Engineering

Summary

- Tuition fees and ER.GO Scholarships
- Italian language requirement for international students
- Health and Safety in the Workplace Training
- Elective exams and study plan
- Internship
- Final Project
- Major Master's thesis
- Funds opportunities, companies and institutions



Tuition fees and ER.GO Scholarships

Tuition fees are calculated based on the 2024 ISEE value with special subsidies in relation to the right to higher education.

With an **ISEE value up to €27,000**, first year students and students that meet merit requirements are totally exempted from paying tuition fees.

Above this limit, fees are calculated progressively, more favorably for students who have a low income and meet merit requirements.

Other situations can be found here at the specific page: https://www.unibo.it/en/study/enrolment-fees-and-other-procedures/degree-programmes/tuition-fees-and-exemptions/fees-and-exemptions-amounts-deadlines

FAQ: https://www.unibo.it/en/study/enrolment-fees-and-other-procedures/degree-programmes/tuition-fees-and-exemptions/faqs-frequently-asked-questions-tuition-fees

As an **international student**, your tuition fees will be calculated according to your country of origin and the country where your family has income and assets.

https://www.unibo.it/en/study/enrolment-fees-and-other-procedures/degree-programmes/tuition-fees-and-exemptions/reduced-fixed-fee-for-citizens-of-particularly-poor-and-developing-countries-or-non-eu-non-oecd-countries

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Tuition fees and ER.GO Scholarships

Questions about fees, exemptions and scholarships? Talk to us on Fridays!

Join the online meetings in which University of Bologna and ER.GO operators offer information on fees, opportunities for exemption or reduction, and how to obtain right-to-study benefits.

When to participate

Every Friday from 28 June to 15 November, from 11:00 to 13:00.

We will suspend the meetings on 16 August and 23 August.

How to participate

The meetings are conducted entirely in Italian and online through the Microsoft Teams platform. On Fridays at 11:00, acccess the meeting room.

https://www.unibo.it/en/news-and-events/notice-board/questions-about-fees-exemptions-and-scholarships-talk-to-us-on-fridays



Italian language requirement for international students

International students (both EU and non-EU) who are currently enrolled in English-taught bachelor and master programmes are invited to take part in an online Italian language course in blended mode. This course includes self-study online activities and synchronous online meetings with a tutor (once a week). Completion of the online course is a compulsory activity for international students with no previous knowledge of the Italian language. The corresponding activity has to be registered in your study plan before graduation.

The courses are offered for CFFR levels A1 and absolute beginners. The course is designed to no Attendance is no longer compulsory, but the test lan and to allow you to organize y

Unless you sit and pass the final test, you will not be able to graduate

We advise you to consider taking this opportunity as soon as possible.

Italian language requirement for international students

To participate, you need to register for the course through <u>Studenti</u> <u>Online</u> (SOL Bookings).

You can find more information here:

https://centri.unibo.it/cla/en/courses/self-study-tutor-assisted-learning-for-italian-language-beginners

Italian Language for international students (B3120)



WHAT IT IS

A test to assess competence in Italian at the A1 level



WHO IT'S FOR

Students enrolled on specific international programmes in English



WHAT IT'S FOR

To ensure the competence in the Italian language required



WHEN

Six times a year

Italian Language for international students (B3120)



Italian language requirement for international students

International students who are already in possession of an Italian language certification can request recognition to be exempted from completion of the course. You can find in the attachment a list of valid language certifications.

International students that have previous knowledge of the Italian language equivalent or superior to CEFR level A1, but cannot certify it officially, can choose the **in-class courses** (A2-C1) offered by the University Language Centre.

https://centri.unibo.it/cla/en/courses/italian-courses



Health and Safety in the Workplace training course aimed at students

The training courses, partly online and partly taught in class, targets <u>all those students</u> who will carry out activities in university laboratories or in private companies during their degree programs (training in laboratory, internships projects, thesis, etc.) and are for these reasons treated equally to workers (art.37 Italian law nr. 81/08, letter a)

This is an important opportunity aimed to provide knowledge and raise awareness on health and safety in the workplace, but most of all it is mandatory.

General training (module 1) provides a no-expiry certification which is recognized in private and public company in Italy. Training on specific risk types (module 2 and 3) provide a certification expiring after 5 years (external companies can recognize this certification or part of this).

More info and registration instructions at

https://corsi.unibo.it/2cycle/AerospaceEngineering/health-and-safety-mandatory-training



Health and Safety in the Workplace training course aimed at students

Any communication for information request, for the evaluation of previous training, within the limits set out above, as well as to report problems relating to the registration for the course can be submitted to Eng. Veronica Rossi (veronica.rossi5@unibo.it; 0543/374406).

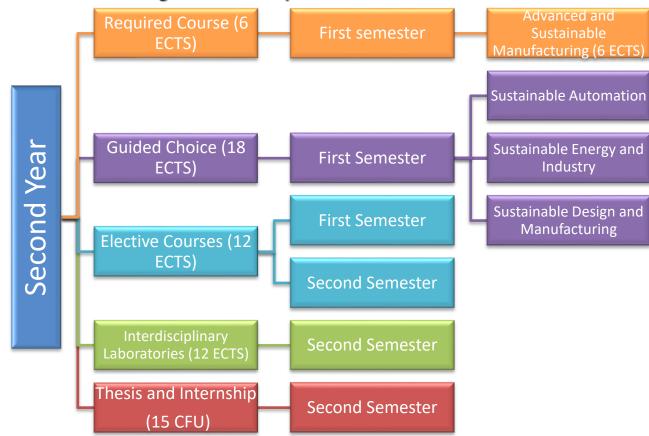
Date	Timetable	Place	Teacher	Max no. of registrations
04/10/24 Course in Italian	14.00 - 18.00	"Montaspro" Building – Forlì Classroom 1.2	ing. Veronica Rossi	70
09/10/24 Course in Italian	14.00 - 18.00	"Montaspro" Building – Forlì Classroom 1.2	ing. Veronica Rossi	70
11/10/24 Course in English	14.00 - 18.00	"Montaspro" Building – Forlì Classroom 1.2	ing. Veronica Rossi	40

For information on how to register for the Modules: Eng. Veronica Rossi veronica.rossi5@unibo.it





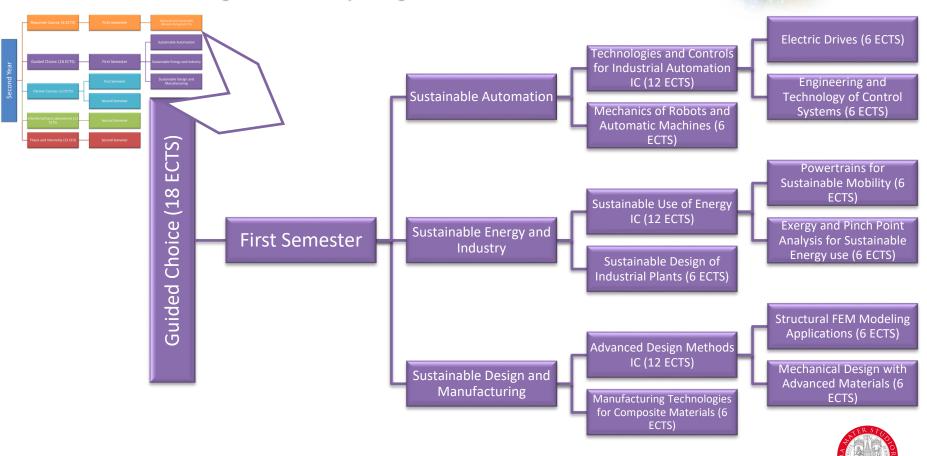
Course Structure Diagram: second year





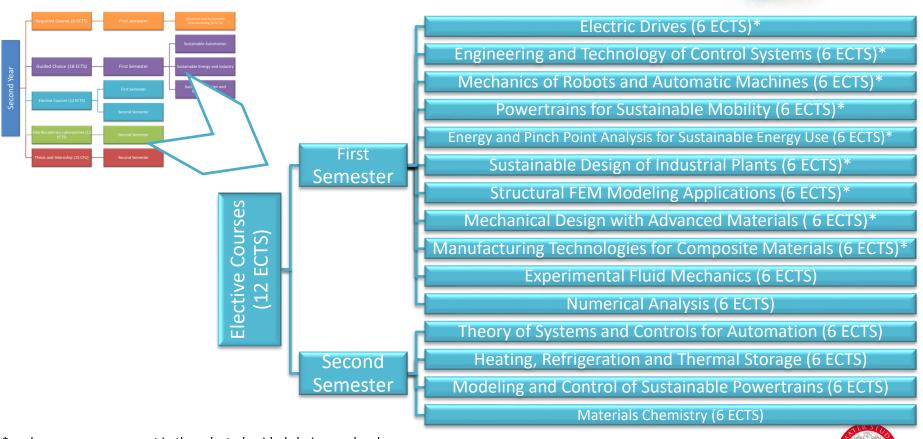


Course Structure Diagram: second year, guided choice





Course Structure Diagram: second year, elective courses



*: only courses non present in the selected guided choice can be chosen

as elective courses

https://corsi.unibo.it/magistrale/IngegneriaMeccanica-Forli/insegnamenti/piano/2023/5980/000/000/2023



Course Structure Diagram: second interdisciplinary year, **laboratories** Learning by doing (6 ECTS) Sustainable Mobility Laboratory Thermal Control (3 ECTS) (6 ECTS) Vibration Analysis (3 ECTS) Predictive Maintenance and Condition Monitoring Laboratory (6 ECTS) aboratories (12 E Predictive Maintenance (3 ECTS) Second Design of Automatic Machines (3 ECTS) Design and Virtual Prototyping of Semester **Automatic Machines (6 ECTS)** Virtual Prototyping (3 ECTS) Industrial Automation (3 ECTS) Sustainable Industry Laboratory Sustainable Industrial Logistics (3 ECTS) Virtualization of Mechatronic Digital Engineering Laboratory Systems (3 ECTS) (6 ECTS) Extended Reality for Digital Twin of Mechatronic Systems (3 ECTS)

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https://corsi.unibo.it/magistrale/IngegneriaMeccanica-Forli/insegnamenti/piano/2023/5980/000/000/2023

Study plan for a.y. 2024-2025

To be submitted online on https://studenti.unibo.it

The study plan completion can be made:

From September 30th till November 8th 2024

From February 10th till March 7th 2025

Please note: in order to complete the study plan students must have completed their enrolment, paid the due tuition fees, have a valid permit of stay (for students having an entry Visa).



Study plan for a.y. 2024-2025

Who can present a study plan?

A study plan can be presented by properly enrolled students who have paid their tuition fees and, in the case of international students, who hold a valid residence permit.

When to present your study plan?

You can present and amend your study plan in two periods during the Academic Year 2024/2025:

First period: from 30th September to 8th November 2024 Second period: from 10th February to 7th March 2025

Following expiry of the deadlines, the last study plan presented will be deemed valid and no further amendments may be made.

No further changes to the study plan will be accepted.

A study plan submitted for a.y. 2024/2025 will allow the student to graduate starting from the first graduation session of such a.y. (July 2025).

NOTE: in order to avoid unpleasant situations, if the student cannot login to the section where the study plan can be submitted or edited, he/she should contact the Teaching Service as soon as possible. This must be done before the deadline of the study plan submission. In case such notification is received after the deadline, (please check the periods mentioned above) no further changes to the study plan will be accepted.

How to present your study plan

The study plan can be presented via **Studenti Online** by enrolled students who, accessing the website using their University usernames and passwords:

- need to add optional subjects to their plan;
- need to amend choices made in prior years.

After making the desired choices, remember to click on "save" so that your study plan can be presented correctly.

Institutional credentials

Transferable skills

(do not provide university creaits (ECTS))

ATTACHMENTS – PAPER MODULES FOR STUDY PLAN A.Y. 2024/25 TO BE UPDATED

CONTACTS

Programme Coordinator



What it can help you with: Notices about logistics and organisational aspects concerning your degree programme, general information on admissions, exams, course timetable, study plan and graduation.

Giulia Chiadini

Teaching Service



What it can help you with: Managing Course timetable, booking teaching rooms and laboratories, preparing the study plan, supporting web application Almaesami and graduation sessions organization.



Extra curricular activities Learning by doing















Master's degree in Mechanical Engineering for Sustainability: Final Project

*The FINAL PROJECT can be made up of different activities:

FINAL PROJECT* (15 ECTS) -FINAL PROJECT (15 ECTS) or

-INTERNSHIP (12 ECTS) + FINAL PROJECT (3 ECTS)

-INTERNSHIP ABROAD (12 ECTS) + FINAL PROJECT (3 ECTS)

-THESIS PREPARATION ABROAD (12 ECTS) + FINAL PROJECT (3 ECTS)

or

-INTERNSHIP (6 ECTS) + FINAL PROJECT (9 ECTS)

-INTERNSHIP ABROAD (6 ECTS) + FINAL PROJECT (9 ECTS)

CAMPUS DI FORL

-THESIS PREPARATION ABROAD (6 ECTS) + FIN PROJECT (9 ECTS)

Final Project (Thesis) 15 ECTS

The Final project (thesis) is **an individual project** carried out by the students and that must be submitted and **discussed during graduation day** to obtain the ECTS and the completion of the degree.

The contents of the final project are those of a second cycle degree and consist of a significant project or research activity carried out by the student on a topic of his/her choice. The results of this work will be **presented in an original document** by the student and **discussed in front of a committee appointed by the Degree Course Director**.

The final project must demonstrate the student's ability to master the subject matter of the thesis, its capacity of work autonomously and high level communication skills. The thesis defense is open to the public.

The vote of the final project-thesis will have a numerical rating by fraction expressed n / 110, where n must not exceed 110. The committee unanimous agreement is required for the allocation of evaluation 110/110 cum laude.



Final Project (Thesis) 15 ECTS

The Final Project MAY BE split into different activities in specific cases, but the total workload of the Final project/thesis will ALWAYS be **15 CFU**

- a) INTERNSHIP FOR PREPARATION OF THE FINAL PROJECT ABROAD (12 or 6 CFU)
- b) INTERNSHIP FOR PREPARATION FOR THE FINAL PROJECT (12 or 6 CFU)
- c) PREPARATION OF THE FINAL PROJECT ABROAD(12 or 6 CFU)

Please bear in mind that the Internship for Preparation for the Final Project works exactly like a curriculum internship, except for the final report.

The internship for preparation of the final project abroad and the preparation of the final project abroad activity are dedicated to those students who prepare their final project abroad through an Erasmus+/Overseas/Call for application project.

These activites all require different approval and recognition processes.



Graduation session

Students graduate when the dissertation/final project on a subject pertinent to your studies, elaborated in an original way, under the guidance of a supervisor is discussed publicly during a specific final examination session in front of a Board.

During the dissertation discussion, you may use slides to present your work and results and the Commission may ask you in-depth questions on methods, results and any developments of your work.

All details and regulations are available at the dedicated page: https://corsi.unibo.it/2cycle/MechanicalEngineering-Forli/final-examination

On the graduation day, students acquire the ECTS/CFU related to the Final Project



Funds opportunities for internship and preparation of the final thesis abroad

Erasmus+ mobility for traineeship

You can spend from 2 to 6 months in a European-based company/institution/university and get funds from the EU for up to 3 months. Information for the 2025/2026 call for application is not available at this time. https://www.unibo.it/en/international/internship-abroad/erasmus-mobility-for-traineeships-what-is-it-and-how-to-apply
mobility-for-traineeships-what-is-it-and-how-to-apply

Interested students must contact an EU company/institution/university, design a project draft and apply online by the set deadline.



Funds opportunities for internship and preparation of the final thesis abroad

Study grants for research period abroad

The Engineering Degree teaching office allocates funds for those students approaching graduation who would like to spend a short period abroad as preparation for their degree dissertation (up to 6 months).

To apply, students must submit a proposal drafted with the supervisor at the hosting institution. The number of individual grants will range between the **minimum threshold of € 1,000 and the maximum threshold of € 3,100** (net of expenses at the Institution charge).

The amount will vary depending on the distance of the destination and length of stay abroad (no longer than six months) according to the following criteria:

- € 516 as a monthly contribution for non-EU destinations;
- € 400 as a monthly contribution for EU destinations;

Calls for applications in spring and autumn published on https://bandi.unibo.it/agevolazioni/borse-mobilita

The next deadline is October 31th 2024.



Funds opportunities for internship and preparation of the final thesis abroad

Erasmus+ mobility for studies

You can spend a period abroad in one of the partner universities also for thesis or internship activities.

The Call is generally published in January. Students should check among the possible European universities with a B.A. with our study course and apply to one which also offers internship and/or thesis preparation.

If selected, students will receive a grant depending on destination and duration.

Please check the offers available and read the Call for applications carefully at: https://www.unibo.it/en/international/Studying-abroad/General-information-on-Erasmus/Programme-requirements-and-destinations



FAQ about study plan, tuition fees, graduation

- I miss the deadline to amend my study plan, may I sit an elective course that I have not selected? No, it is not possible to sit exams of modules/courses not present in the study pla
- <u>I have finished my II year</u> and I would like to graduate by March 2026. May I change an elective course in my study plan?

If you wish to add/change an elective course in your study plan, you must pay tuition fees for a.y. 2025/2026 and wait for July 2026 graduation session. If you only amend the final project group, you may still graduate by March 2026.

• I have finished my lessons and would like to graduate by March 2026. Do I need to pay any tuition fees for a.y. 2025-2026?

No. The last graduating session for a.y. 2024-2025 is March 2026.

 I applied to graduate in October, but I cannot finish my work in time. May I graduate in February? Do I need to apply again?

No, you do not need to apply for graduation again. The Student administration office will get in contact to confirm that you postpone your graduation date.

- I thought I could graduate in March 2026, but I will have to postpone to July 2026. What happens? If you had not paid any tuition fees for a.y. 2025/2026, tuition fees for this academic year must be paid in order to graduate from July 2026.
- I have found a company where I can carry out the thesis, so I chose in the study plan the 12 ECTS INTERNSHIP FOR PREPARATION OF THE FINAL PROJECT. Does it mean that my thesis is just 3 ECTS?

NO. The ECTS dedicated to the thesis are 15. The option 12 ECTS INTERNSHIP FOR PREPARATION OF THE FINAL PROJECT + 3 Final Project allows students to track the activity in the company (and have insurance coverage) but the amount of credits related to the thesis are always 15.

I wish to add a teaching activity not included in my study plan, what shall I do?

You can fill in the specific form and submit your request to the office; the degree may accept or refuse studiorum request. Refusal is also possible if the activity chosen is part of a restricted-access degree.

Questions?







Ms Giulia Chiadini

Engineering Degrees Teaching Office

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www.unibo.it