



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
CAMPUS DI FORLÌ

Master's degree in Aerospace Engineering

Thursday, 22nd September 2022

School of Engineering- Forlì Campus

Department of Industrial Engineering

Summary

- Welcome back
- Tuition fees and ER.GO Scholarships
- Elective exams and study plan
- Curricula and study plan
- Internship
- Final Project
- Health and Safety in the Workplace Training
- Funds opportunities, companies and institutions
- Canteen, libraries and study rooms



Tuition fees and ER.GO Scholarships

Tuition fees are calculated based on the **2022 ISEE value** with special subsidies in relation to the right to higher education.

With an ISEE value up to € 24,500, first year students and students that meet merit requirements are totally exempted from paying tuition fees. Above this threshold, the tuition fee increases in proportion, more favorably for students who have a low income and meet merit requirements.

To pay a tuition fee **the application before November 2nd by 18.00** (or by November 15th 2022 paying a 100 € fee).

If you are enrolling in years following the first, within the first year not aligned with the exam schedule, to obtain total exemption or to pay tuition fees proportioned to your ISEE, you must also meet the following **merit requirements**:

- If enrolled in the second year: 10 CFUs acquired between 11 August 2021 and 10 August 2022;
- If enrolled in years following the second, within the first year not aligned with the exam schedule: 25 CFUs acquired between 11 August 2021 and 10 August 2022.



Tuition fees and ER.GO Scholarships

If you do not meet the merit requirements, tuition fees increase proportionally but with an extra charge.

<https://www.unibo.it/en/teaching/enrolment-transfer-and-final-examination/tuition-fees-and-exemptions/tuition-fees>

Online meetings on tuition fees and benefits of right to education

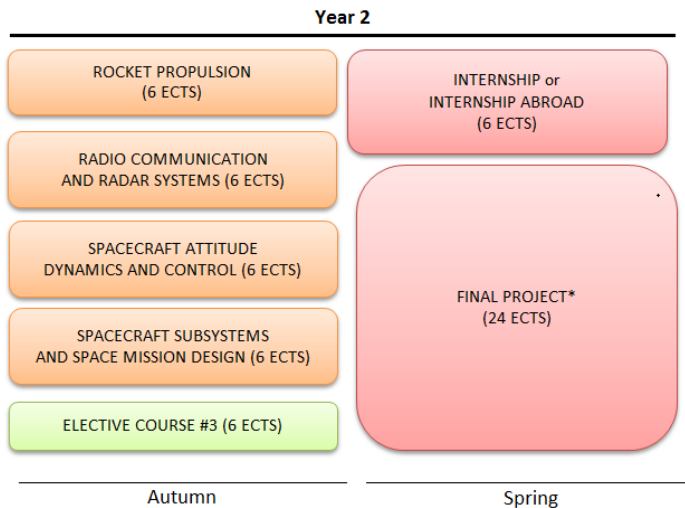
Unibo and ER.GO organize online meetings to provide information on tuition fees for the a. y. 2022/23, exemptions and incentives.

Search for "**Tuition Fees and ERGO financial aid for international students**" events in the [Alma Orienta calendar](#).

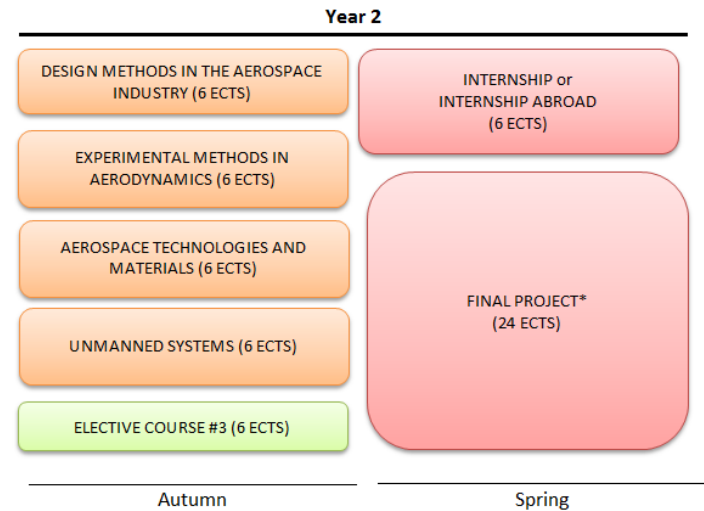


Master's Degree Programme content

Curriculum Space



Curriculum Aeronautics



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

- FINAL PROJECT (24 ECTS)
- INTERNSHIP (18 ECTS) + FINAL PROJECT (6 ECTS)
- INTERNSHIP ABROAD (18 ECTS) + FINAL PROJECT (6 ECTS)
- THESIS PREPARATION ABROAD (18 ECTS) + FINAL PROJECT (6 ECTS)



Study plan for a.y. 2022-2023

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

The study plan completion can be made:

From October 10th till November 11th 2022

From February 13th till March 10th 2023

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).

Students from previous regulations (8769) cannot complete the study plan online-> please send an email to didattica.ingstudenti@unibo.it for any change request.



Elective teaching activities (t.a.)

The degree Council has decided that:

- Students can choose among 6-12 credits from year I elective teaching activities;
- Students can choose among 6-12 credits from year II elective teaching activities.

The total amount of elective t.a. credits must be at least 18.

If you wish to add an activity offered by another degree, you cannot complete the study plan online. Please use the paper form that will be available



Elective teaching activities (t.a.)

Please note: Students who achieved less than 24 ECTS in the scientific disciplinary sectors ING/IND-03, ING/IND-04, ING/IND-05, ING/IND-06, ING/IND-07 (or equivalent if obtained abroad) in the previous university career are still required to select the 12 credits ***Fundamentals of Aerospace Engineering I.C. activity in year I.*** These students have been notified during admission procedures.



Internship

The curriculum internship is designed for students regularly enrolled on the 2nd year of the programme to spend **a period of vocational training**. To do this with an organization having an agreement with the University or in one of the University labs, students must be authorized by their degree programme Internship Committee.

- The period of internship must be spent with companies or organizations enjoying an agreement with the University (external internship) or in one of the labs of the School of Engineering of Forlì (internal internship). In both case, student will choose an academic tutor (professor) and if the internship is carried out in a company, the student must point out a company contact person.
- If students choose to do an internal internship, they must directly contact their professor/academic tutor.



Internship

If the company chosen by the student does not have an agreement with the University, **an agreement must be signed before the start of the internship.**

The steps required to open an agreement and activate the internship are described in the specific page:

<https://corsi.unibo.it/2cycle/AerospaceEngineering/curricular-internships-and-dissertation-related-internships>

The internship is managed through the internship online platform; all instructions are available here:

<https://tirocini.unibo.it/tirocini/studenti/homePageStudenti.htm>

Handbooks and regulations can be found at:

<https://corsi.unibo.it/2cycle/AerospaceEngineering/curricular-internships-and-dissertation-related-internships>



Internship

At the end of the activity, for the recognition of the credits in the student career, students must:

- Upload the attendance register (please check that it has been completed with the necessary signatures and stamp);
- Write down and upload a Final Report (no more than 15 pages);
- Fill in the online questionnaire;

Contact person for engineering degrees: Rosita Gabelli
accf.forlitirociniplacement@unibo.it

Office hours: Tuesday, Wednesday, Friday 09.00-11.00

Tuesday 13.00-14.00

Telephone: +39 0543 374135 - STUDENTS - Monday, Tuesday, Wednesday and

Friday 11.00-13.00



Internship

Keep in mind that:

- The student must have already chosen the activity in his/her study plan at the moment of the request; exceptionally only for these type of activities, change request can be accepted beyond the study plan submission periods;
- The internship cannot last 20% more than the scheduled time
- The Internship Committee generally evaluates requests every 1st Monday of the month
- The internship cannot begin before receiving the attendance book. This will be received about a week after the Internship Committee approval
- The internship must be completed within 12 months from the starting date.



Final Project (Thesis) 24 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.

For the previous regulations, the Aerospace Engineering degree programme admits, for the Final project, the differentiation between **'Standard Thesis'** and **'Major Master's Thesis'**.

The difference involves the contents, developed more deeply in the 'Major Master's Thesis', and the different evaluation of the theses themselves, since the 'Major Master's Thesis' also requires the assignment of an Examiner.

<https://corsi.unibo.it/2cycle/AerospaceEngineering/master-thesis>



Major Master's Thesis



CAMPUS DI FORLÌ
ENGINEERING DEGREES TEACHING OFFICE

APPLICATION FORM FOR MAJOR MASTER THESIS

TWO YEAR MASTER DEGREE - AEROSPACE ENGINEERING (code 8769-5723)

Date _____ University Registration Number _____

The undersigned _____
(Last name and name)

born in _____ on _____

registered to _____ year of the course "Aerospace Engineering" code _____

REQUESTS

to "Thesis preparation Committee" to choose "Major Master thesis".

The student declares that:

he/she has already applied for the Thesis Preparation (only for code 8769)

written report currently in preparation

written report validate on the date _____

he/she has NOT applied for the Thesis Preparation

Please, indicate your Supervisor name: Prof. _____

Topic of the Thesis

The Supervisor and the student suggest the following EXAMINER to the Committee:

Prof. _____

Supervisor _____ Student _____

(signature)

(signature)

Approved by Commission: _____ Date _____

(signature)



Activities included in the final project

Students can decide to divide the final project into sub-activities to be added to the Final Project (6 CFU):

a) INTERNSHIP FOR PREPARATION OF THE FINAL PROJECT ABROAD (18 CFU)

b) INTERNSHIP FOR PREPARATION FOR THE FINAL PROJECT (18 CFU)

c) PREPARATION OF THE FINAL PROJECT ABROAD (18 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 abroad for the final project** activity are dedicated to those students who prepare their final project abroad through an Erasmus+/Overseas/Call for application project.

These activities **all require different approval and recognition processes.**



Recognition of work experience in lieu of the internship

Work experience may be recognised in lieu of doing a curriculum internship (according to the student's study plan), if it is deemed appropriate to the degree programme learning objectives, is certified according to law and meets the requirements set by the degree programme board.

Requirements:

- the work experience completed no more than 2 years prior to the date of application;
- role accepted: professional aeronautical-space engineer

To have taken part in training courses is not deemed equivalent to internship training, nor is any form of teaching support role in schools or training institutes of any kind.

The application form can be found at:

<https://corsi.unibo.it/2cycle/AerospaceEngineering/recognition-of-work-or-extra-university-activities-in-place-of-the-internship>



Health and Safety in the Workplace training course aimed at students

The training courses, partly online and partly taught in class, targets all those students 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://www.unibo.it/en/services-and-opportunities/health-and-assistance/health-and-safety/online-course-on-health-and-safety-in-study-and-internship-areas>



Health and Safety in the Workplace training course aimed at students

Dates and Locations:

14/10/2022, h 14.30 – 18.30

Classroom no. 1.2, teaching building “Montaspro”

maximum number of registrations: 80

Italian edition

25/10/2022, h 14.30 – 18.30

classroom no. 1.2, teaching building “Montaspro”

maximum number of registrations: 80

Italian edition

11/11/2022, h 14.30 – 18.30

streaming on the Teams platform

maximum number of registrations: 20

English edition

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

12/12/2022, h 14.30 – 18.30

streaming on the Teams platform

maximum number of registrations: 20

Italian edition

24/02/2023, h 14.30 – 18.30

streaming on the Teams platform

maximum number of registrations: 20

Italian edition

10/03/2023, h 14.30 – 18.30

streaming on the Teams platform

maximum number of registrations: 20

English edition



Funds opportunities for internship and preparation of the final thesis abroad

Erasmus+ mobility for traineeship

You can spend from 2 to 12 months in a European-based company/institution/university and get funds from the EU for up to 3 months. Information for the 2023/2024 call for application is not available at this time.

<https://www.unibo.it/en/international/internship-abroad/erasmus-mobility-for-traineeship/erasmus-mobility-for-traineeships-what-is-it-and-how-to-apply/erasmus-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. If selected, they will be allocated a grant depending on duration and destination of the proposal.

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

Next call is expected soon



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>



Companies and institutions

Students should speak in advance with the professors of the area/field of interest for guidance and advice for any of these activities and funds opportunities.

These are some of the companies and institutions that hosted some of our past students and that nowadays employed some of them:

Eumetsat

Avio

Dallara

Riba Composites

Piaggio Aeronautica

GarradHassan Italia

Helicopters Italia

Curti Spa

Sitael Spa

Lamborghini

Airbus

Rolls Royce

AgustaWestland-Leonardo

Thales Alenia

Royal Melbourne Institute of
Technology

Ferrari



Graduation

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. The Board will assess your performance using your curriculum as a reference. During the dissertation discussion, you may use slides 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/AerospaceEngineering/final-examination>



Study rooms

University Canteen study room

In collaboration with ER.GO, starting from 1st July students can use the university canteen study room which welcomes 66 sits.

Monday to Friday: 9.00-18.00

"Sassi Masini" University residence

40 available sits.

Tuesday: 18.00 – 22.00

Friday to Sunday: 8.30 – 21.00.

Teaching Hub

In the Teaching Hub tunnels there are 133 available sits for individual study.

Opening: Monday to Friday: 8.00 to 21.30

Sat-Sun: 8.00 to 13.00



Questions?





ALMA MATER STUDIORUM
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