



**POLITECNICO**  
MILANO 1863

## **School of Industrial and Information Engineering**

# **The training experience offered to the students of the Master's Degree in Space Engineering**

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## What does a space engineer do?

A space engineer is a professional figure who focuses on vehicles and systems intended for space missions, such as satellites, probes, launchers, and orbital modules. Space engineers are trained with a systems engineering perspective, although they can specialize in various areas, such as mission analysis, orbital and attitude estimation and control, thermal-structural design of space systems and instruments, propulsion and energy subsystem design, operations and communications with ground stations, space systems integration, post-launch operations, and data processing from onboard instruments.

Space engineers acquire the skills to perform all the main activities related to a space mission, from the design, integration, and validation of space platforms to the management of in-orbit operations. Career opportunities include employment in highly specialized space-related companies in Italy and abroad, but it is also possible to work in companies not strictly linked to the space sector, given the high level of preparation across the entire scientific and engineering field.

## What do you study?

The **Degree Program** (*Manifesto degli Studi*), divided by academic years and semesters, is the set of educational activities (courses, laboratories, internships, final examinations), either compulsory or elective, that make up the educational offer of a Study Program (*Corso di Studi*).

The **Study Plan** (*Piano degli Studi*) is the list of educational activities that the student intends to undertake during each academic year. The Study Plan is normally compiled by selecting educational activities from the offer defined in the Degree Program (*Manifesto degli Studi*) of the student's own Study Program. In this case, the Study Plan is automatically approved.

Students may also request to include, for the purpose of obtaining their degree, courses/laboratories offered by Study Programs other than their own. In such cases, the request is subject to approval by a dedicated committee, which assesses its consistency with the educational objectives described in the Academic Regulations (*Regolamento*) of the Study Program.



The *Credito Formativo Universitario - CFU* (University Educational Credit - ECTS) is the unit of measurement of the workload required in terms of learning activities. One credit conventionally corresponds to 25 hours of work, including both self-study/individual work and assisted teaching activities, meaning all educational activities in which the student interacts with the instructor (lectures, group exercises, laboratory activities, etc.).

## First year

Building on the foundations acquired during the bachelor study program, the first year of the master study program includes numerous mandatory courses that provide further depth on some general topics essential to the preparation of a space engineer, such as the study of orbital mechanics, dynamics and attitude control of a satellite, static and dynamic behavior of structures, aerospace propulsion, and space systems and operations. In addition to the mandatory courses, in the second semester, students have the possibility to select some additional courses (two exams worth 6 credits each), which contribute to start defining the desired path for the second year. Additionally, students may include courses from other study programs that align with their engineering interests.

## Second year

During the second year, students are given complete freedom to choose their 40 credits (ECTS) from a wide range of 8- and 6-ECTS courses, as well as optionally from smaller 2- or 3-ECTS courses. The second year concludes with a 20-credit thesis, which serves as the final exam.



## What are the teaching methods?

### Teaching and learning models

The educational model of the Politecnico di Milano includes five types of assisted teaching:

- Transmissive / Lecture-Based Teaching (Didattica trasmissiva/frontale - DT ): the student listens to the delivery of content that will then be consolidated independently;
- Interactive / Participatory Teaching (Didattica interattiva/partecipativa - DI ): the student, under guidance, is involved individually or in groups in carrying out or participating in an activity proposed by the instructor, also through the use of suitable digital tools;
- Laboratory-Based Teaching (Didattica laboratoriale - DL ): the student is involved, individually or in groups, in a practical experience aimed at applying the concepts and methodologies presented by the instructor, typically with the aid of appropriate tools and equipment in computer or experimental laboratories;
- Project-Based Teaching (Didattica progettuale - DP ): the student is involved, individually or in groups, in the development of a complex project or product, which is gradually enriched as awareness and the ability to use theoretical, technical, and metacognitive tools are acquired;
- Evaluation-Based Teaching (Didattica valutativa - DV ): the student is directly involved in an evaluation or self-evaluation activity followed by appropriate feedback (quantitative or qualitative, and either named or anonymous).

The study program combines hands-on teaching methods with project-based laboratory teaching, primarily in groups, which develops teamwork skills . These hands-on teaching methods are supported by supporting materials such as handouts, slides, and textbooks.

To ensure effective and balanced teamwork, the Space Engineering Study Program uses peer-review-based teaching methods in some courses, where each student is asked to evaluate their groupmates' work on the project. This provides an opportunity for discussion among both students and between students and professors.

Furthermore, through individual professors and/or the department, seminars are organised which are open to students of the teaching and study program, to delve deeper into topics covered in the courses or to provide examples of entities external to Politecnico di Milano that operate in the space sector, such as presentations of significant space missions.



To support the numerical labs, software tools not covered or explored in depth in the undergraduate program are introduced, aimed at developing digital skills, essential for an engineer. For example, the following is included:

- The use of commercial and open-source numerical fluid dynamics simulation software in CFD simulations for aerodynamic analysis.
- Using Python with scientific libraries for numerical solution of engineering problems;
- Simulink laboratory as part of the Spacecraft Attitude Dynamics course (first semester, first year);
- The use of thermochemical codes such as RPA and NASA CEA in the teaching of Space Propulsion (second semester, first year);
- The use of MBDyn in the teaching of Multibody System Dynamics (second semester, second year);
- Illustration of the OpenFoam software in the context of the teaching of Numerical Modeling of Differential Problems (first semester, second year);
- The illustration of Spenvis as a support software in the teaching of Space Systems Engineering and Operations (second semester, second year);
- The extensive use of Matlab in many of the courses covered.

#### TABLE OF TEACHING METHODS

	DT	FROM	DL	DP	DV
Year 1 – Semester 1	50%	5%	15%	20%	10%
Year 1 – Semester 2	45%	5%	5%	30%	15%
Year 2 – Semester 1	45%	10%	10%	30%	5%
Year 2 – Semester 2	40%	10%	15%	30%	5%



## What are the assessment methods?

### Assessment methods and exam sessions

The assessment methods are described in the course syllabus (scheda dell'insegnamento) and are made available at the beginning of each academic year. By including a course in their Study Plan, students acknowledge and accept the related assessment methods.

Student performance is assessed through exam sessions held during the dedicated periods specified in the Academic Calendar (*Calendario Accademico*), and may also be evaluated through ongoing assessments (*valutazioni in itinere*) conducted during the semester in which the course is delivered.

For each academic year, there are five exam sessions scheduled for all courses. Specifically, two exam sessions take place at the end of the semester in which the course is taught, two at the end of the other semester, and one in September.

### Ongoing assessment

Ongoing assessment may take place through various methods, such as: written and/or oral and/or laboratory tests, projects, reports, assignments, and other types of activities assigned by the instructor, carried out either in class or independently, also through the use of digital and online tools.

**Ongoing assessment based on two partial exams.** For courses that include an ongoing assessment based on two partial exams, the tests are generally held during the breaks in teaching activities specifically scheduled in the Academic Calendar. The date of the second exam coincides with that of the first exam session in the session immediately following the teaching semester. On that date, the student may take either the second partial exam or the regular *exam session*.

**Other forms of ongoing assessment.** Forms of ongoing assessment other than those described above may take place at any time during the teaching semester. For courses that include them, some assessed activities, clearly indicated in the course syllabus, may be mandatory or required in order to receive a full evaluation. Failure to participate in such activities may result in restrictions during the exam sessions, either in terms of grading or in the ability to take the exams.

### Registration for exam sessions

In order to take part in an exam session, students must register via the Online Services within the specified deadlines. Exam registration is permitted only if the student is up to date with tuition fee payments and the course is included in his/her Study Plan. If the regular registration deadline is missed, it is still possible to register until 11:59 PM on the day of the exam, subject to approval by the professor. Students who decide not to take the exam must cancel their



registration no later than the day before the exam, except in cases of unforeseeable last-minute impediments.

During the course, students will experiment with different assessment methods, moving from assessments primarily based on written tests, in the Bachelor study program, to assessment methods that involve greater interaction with the instructor, typically combining the assessment of more theoretical knowledge with discussion of the same in an applied context.

The use of project-based assessment methods begins in the first year. Indeed, from the first semester onwards, exams include written and/or oral tests (optional or mandatory), in addition to the submission of a project that is then included in the final grade. During the second year, teamwork becomes more intensive, and in many exams, assessment of learning is based on an oral exam on the project completed during the semester. Project assessment, for most courses where it is required, is based on the submission of a report and, where appropriate, code and other supporting documents. In some cases, a presentation of the project is required, so other factors, such as communication and presentation skills, also factor into the assessment.

The following table shows the indicative distribution of the assessment methods for the courses offered in the various semesters of the Study Program. The percentage is calculated on the number of exams in the reference semester that include a specific assessment method, compared to the number of courses in the same semester.

**TABLE OF EXAM METHODS: MASTER'S DEGREE IN SPACE ENGINEERING**

	<b>Written exam</b>	<b>Mandatory oral exam</b>	<b>Optional oral exam</b>	<b>Mandatory project</b>	<b>Optional project</b>	<b>Exam using software</b>
Year 1 – Semester 1	66%	33%	66%	66%	0%	33%
Year 1 – Semester 2	85%	15%	45%	15%	30%	15%
Year 2 – Semester 1	75%	35%	50%	25%	40%	20%
Year 2 – Semester 2	75%	35%	50%	25%	40%	20%



## What does the final exam consist of?

On the website of the School of Industrial and Information Engineering, under the section [Bachelor's and Master's Degree Exams](#), the following resources are available:

- The regulations for Bachelor's and Master's degree exams, along with the *Regolamenti Integrativi* (supplementary regulations) for each *Corso di Studio* (Study Program);
- Information on how the examination sessions are conducted, key deadlines, and the procedures for submitting the thesis;
- Thesis templates: formats for traditional and article-style theses, as well as the executive summary template, which must be submitted together with the thesis in case a *Controrelatore* (Examiner) is required.

The final exam consists of completing the thesis (20 credits). The thesis may be theoretical, experimental, or design-based, and it can contribute up to an additional 7 points to the final grade.

It can be carried out in several ways:

- **Thesis carried out at Politecnico di Milano**, typically proposed by a professor with a personal interview or available on the thesis noticeboard ("Bacheca tesi")
- **A thesis completed at an external institution**, which involves a project within a company or at an external research institution, allows students to complete their studies with field experience, where they can apply what they have learned previously. Theses can also be completed at a company abroad.



## Can I get help with my studies?

### Tutoring

In order to guide and support students throughout their studies, particularly during the first three years, the School of Industrial and Information Engineering offers various tutoring opportunities, with the aim of providing each student with the most suitable support for their needs. The approach includes peer-to-peer tutoring services, activated on demand based on student requests, as well as more traditional tutoring services offered on fixed dates and times.

- **Learn how to Learn (Information and guidance tutoring)**

Targeted at first-year students who scored below 60 on the TOL, this is an optional program consisting of three thematic webinars designed to help students immediately identify effective strategies for managing typical university situations, such as attending lectures, studying independently, managing study time, and handling distractions.

To complement the live component, asynchronous activities are provided to deepen the topics addressed during the webinars.

The program is delivered in September (over the course of one week), before the start of classes. Interested students receive a notification email inviting them to participate.

- **Peer to Peer Tutoring**

In this form of tutoring, experienced student tutors provide support, either individually or in small groups of 3-4 students, on the core courses taught during the first two years of all *Corsi di Laurea Triennale* (Bachelor's Laurea Programs). Students may request tutoring for up to two courses per semester.

Those who wish to request a tutor must apply through the "Peer-to-Peer Tutoring" platform available on their Online Services.

For further information, please contact: [tutorato-ingegneria@polimi.it](mailto:tutorato-ingegneria@polimi.it).

- **Tutoring for first-year students**

For many of the first-year courses of the *Bachelor's degree program*, tutoring sessions are available and led by PhD students or experienced instructors.

The calendars are available on the School's website at the page: [Calendario Tutorato Matricole](#) (*First-Year Tutoring Calendar*).

- **Specific tutoring activities**

The School also promotes specific tutoring initiatives:

**Equalization peer-to-peer tutoring:** this service is intended for students coming from Bachelor's degrees not strictly aligned with the chosen *Master's degree program*, or for



international students. More experienced student tutors provide support, either individually or in small groups of 3–4 students, on courses within the Master's *Study Programs*.

**Tutoring in support of specific courses:** tutoring sessions held by PhD students and experienced instructors on selected courses from various study programs, also based on student feedback.

The schedule for these activities is available on the website at: *Calendario tutorato specifico (Specific Tutoring Calendar)*.

### **Polimi Open Knowledge (POK)**

**POK (Polimi Open Knowledge)** is the first Italian university MOOC (Massive Open Online Courses) platform, offering free online courses open to everyone. The main objective of the platform is to support students, not only from Politecnico di Milano, throughout their university and professional journey: from high school to university, from the *Bachelor's degree* to the *Master's degree*, and from university to the job market.

In addition, many other courses are available for teachers, researchers, professionals, and the general public.

First-year students who wish to strengthen their foundational knowledge in mathematics and physics are encouraged to follow the modules: [Introduzione alla matematica per l'università: Pre-Calculus](#), [Introduction to Experimental Physics: Electromagnetism, Optics, Modern Physics](#).

## **Are there any extracurricular activities?**

### **Passion in Action**

**"Passion in Action"** is the catalogue of open-participation educational activities offered by Politecnico di Milano to its students, aimed at fostering the development of transversal skills, soft and social skills, and at encouraging/facilitating a personalized enrichment of each student's personal, cultural, and professional background.

Those who are interested can take advantage of this opportunity and choose which activities to attend, exploring different subjects according to their interests and personal inclinations.

Students who participate in *Passion in Action* may register for any activity in the catalogue, regardless of its thematic relevance to their *study plan*, provided that any specific prerequisites for individual activities are met.

The skills and competencies acquired are recognized through the awarding of a digital badge and will be reported in the *Diploma Supplement*.



The catalogue is updated regularly. Since the educational modules are activated asynchronously with respect to the semesters, interested students are advised to check the [Passion in Action](#) page periodically.

### **Student Associations**

Student associations are organizations formed by students with the aim of promoting cultural, technical, social, and recreational activities, and creating opportunities for personal and professional growth within the academic environment.

Participating in a student association allows for greater engagement in university life, making the academic experience more dynamic and stimulating. It also fosters the development of transversal skills such as leadership and teamwork, as well as the expansion of one's network, valuable both during university and in professional life.

At Politecnico di Milano, several student associations are active, each with different goals and areas of interest. The full list is available at: [Student Associations](#).

The Study Program organizes and offers several "Passion in Action" activities of particular relevance to Space Engineering students. The Passion in Action initiatives are advertised on the Study Program WeBeep channel.

Among the various student associations at Politecnico di Milano, many are closely linked to the space sector, such as:

- PoliSpace
- Skyward

These associations offer the opportunity to participate in real engineering projects, conferences and training activities.

All extracurricular opportunities offered within the program and at the University in general are published on the university, school, and study program websites, as well as being communicated via email.

The "Politamtam" on the PoliMi app is an essential tool for a well-rounded university experience, as it allows you to learn about university initiatives, projects, activities, and trips organized by various student associations, and much more.

## Can I go and study abroad for a period?

Students who wish to take part in an exchange experience must apply through one of the two international mobility calls, which are published in November and April. The University's Mobility Call covers various types of international experiences: simple exchange (1 or 2 semesters) in EU and non-EU countries, Double Degree programs, and Special Programs for students enrolled in specific Study Programs (e.g. Alliance4Tech).

Due to procedural timelines, interested students must apply the year before the planned mobility period.

The choice of possible exchange destinations must be made at the same time as submitting the application to the mobility call. Students are therefore encouraged to gather all the necessary information about each selected destination, out of respect for all applicants.

In fact, declining an assigned destination due to inadequate research into the educational offer results in a lost opportunity, not only for the student who withdraws, but also for other students who could have taken advantage of that placement.

Once they have applied to the call, candidates must carefully follow the deadlines, monitor the rankings, and confirm or decline their interest in the assigned destination, if any. Dates vary for each call, but this phase of the process generally takes place between January and March for the first call, and between May and July for the second call.

Only after the candidate has confirmed the assigned destination, the International Mobility Unit will proceed with the official nomination of each student to the selected host institution. Delays in confirming the destination will result in exclusion from the exchange program.

To view the list of available destinations, students can refer to:

- the section of the Polimi website dedicated to the mapping of all partner universities. By filtering by School and Study Program, students can access useful information about each destination;
- the Exchange your Mind section of the Polimi website, which collects testimonials, useful information, presentations, and in-depth materials on the topic.

An international experience is valuable in its entirety, it allows students to discover new countries, cultures, people, and languages. These aspects should be taken into account when choosing a destination.

At the same time, it is important to remember that it is not always possible to obtain one of the top-listed choices; therefore, each option included in the list of preferred destinations should be selected carefully and thoughtfully.



Students who independently organize their period of study abroad are referred to as “*Free Movers*.” This type of mobility is not part of any structured exchange program organized by Politecnico di Milano, such as Erasmus.

Since it is not a structured and formal program, *Free Mover* candidates must take care of all aspects of their stay abroad on their own (contact with the host university, meals, accommodation, health insurance, etc.), and no financial support is provided for expenses related to the mobility period.

The activities eligible for recognition within a *Free Mover* experience include course attendance or thesis work, with different requirements applying to the application and approval process by the Study Program/thesis supervisor.

The application for a *Free Mover* mobility may be approved by the student’s *Corso di Studi* (Study Program) only if certain criteria are met. These include an evaluation of the student’s CV and an assessment of the reputation of the host institution where the mobility is intended to take place. The specific criteria are detailed below:

- The host institution for the mobility cannot be one for which there are existing exchange agreements with Politecnico di Milano for the School to which the student is enrolled;
- The host institution must be recognized as a quality institution within the student’s Study Program, and applicants must describe and demonstrate the validity of the proposed institution (a high ranking position in international university rankings can be one criterion, although not the only one);
- The *Free Mover* candidate must have a specific weighted average exam grade of at least 24 out of 30.

Students enrolled in a Degree Program who have already earned at least 60 University Educational Credits (ECTS) in their academic record may apply for a *Free Mover* mobility.

Similarly to the institutional mobility organized by Politecnico di Milano, *Free Mover* mobility is not permitted during the first semester of the Master’s degree. However, students may submit their application during their first semester for mobility periods in subsequent semesters.

## Can I do an internship?

The stage, also referred to as internship (*tirocinio*), is an educational experience in the professional world, allowing students to put into practice the skills acquired during their academic path, and to guide them toward making informed future career choices.



It can take place either in Italy or abroad, in companies, professional firms, foreign universities, or public and private research institutions.

The stage is considered as **curricular** when it is aimed at students. Specifically, it can be:

- *curriculare obbligatorio* (compulsory curricular), linked to the acquisition of University Educational Credits (ECTS) and included in the Study Plan;
- *curriculare opzionale* (elective curricular), linked to the acquisition of University Educational Credits (ECTS) and included in the Study Plan at the student's discretion;
- *curriculare facoltativo* (curricular but voluntary), not involving the acquisition of ECTS and not included in the Study Plan, with a maximum duration of 12 months, to be completed before the thesis defense.

The extracurricular stage is instead intended for recent graduates who are not enrolled in any other university Study Program, and may last up to a maximum of 6 months.

More information: *Stage per laureati* ([Internships for graduates](#)).

Students interested in a curricular stage, whether *obbligatorio*, *opzionale* or *facoltativo*, can visit the [Stage curricolari](#) (Curricular Internships) webpage for more information about:

- how to find internship opportunities (which is the responsibility of the student);
- the documents that the host organization must request from Politecnico di Milano (*Convenzione di Tirocinio* - Internship Agreement and *Progetto Formativo - SAT* - Internship Academic Structure).

### **Internship and Master's Degree Thesis**

The optional curricular internship and the *Laurea Magistrale* (Master of Science) thesis are two separate activities. The first is optional and does not allow for the acquisition of University Educational Credits (ECTS), while the second is mandatory and involves the acquisition of credits.

It is not excluded that the activity carried out during an optional curricular internship could lead to a Master's Degree thesis. However, for this to be possible, the research activity at an external organization must be carried out under the supervision of an academic advisor from Politecnico di Milano, who must agree from the beginning of the internship on the research objectives and methodologies, and must supervise the activities throughout their execution. It is the student's responsibility to contact an academic advisor before the internship begins.



## How can I express my opinion?

Students' opinions are important, and Politecnico di Milano provides several tools through which students can express their views.

### **OPIS Questionnaire**

The *OPIS questionnaire* is the official tool used to collect students' opinions on teaching. The questionnaires are anonymous and results are processed in aggregate form.

The outcomes of these questionnaires are essential for instructors and *the* Study Programs Councils, as they offer insight into students' thoughtful and honest feedback, helping to improve both the educational offer and teaching methods. Once a year, every Study Program Council is required to reflect on its educational path, starting also from the results of these questionnaires. Student Representatives are involved in this process, collaborating in the definition of possible improvement actions.

For this reason, it is important that students express their opinions responsibly, in the interest of the entire academic community of students and faculty.

Students are asked to give their opinion on every course they attended during the semester, by answering a questionnaire that gives students the opportunity to directly contribute to the improvement of the quality of education. For each course, the questionnaire becomes available approximately two-thirds into each semester, and its completion is mandatory before registering for exam sessions for the first time.

### **Graduating Students' Questionnaire**

During the final year of the Study Program, students are also required to give their opinion on the entire educational path. Completing the questionnaire is mandatory in order to register for the Bachelor's/Master's Degree graduation session (Graduating Students' Questionnaire). In this survey, students are asked to provide feedback on several aspects, including the organization of teaching, specific course content, facilities, internships, international mobility opportunities, and the final examination.

### **Student Services Satisfaction Questionnaire**

This questionnaire is mandatory for registration to the first exam session of the academic year and is intended only for regular students in the final year of their Study Program. The questions concern the services offered to students, including, for example: enrolment procedures, Study Plan submission, exam registration, tuition fees, student offices, ICT, libraries, dining services, and communication.

## How can I contribute?

### Role of Student Representatives

Student representatives play a key role in ensuring the proper and transparent functioning of the University's governing bodies, where they participate to bring the students' perspective. They are elected every two years and serve not only as points of reference for students in various aspects of university life, but also contribute concrete proposals to improve the student experience.

The **Senato Accademico** (*Academic Senate*) is the body responsible for guiding and planning the University's development, with particular focus on teaching and research, and oversees the overall proper functioning of the institution. The Consiglio di amministrazione (Board of Directors), on the other hand, defines the long-term financial planning based on the proposals and opinions of the Senate. Therefore, the student representatives in these bodies are involved in decisions that affect the entire University.

The Joint Student-Professor Committees (Commissione paritetica) of each of the four Schools (3I – Industrial and Information Engineering; ICAT – Civil, Environmental and Territorial Engineering; AUIC – Architecture, Urban Planning and Construction Engineering; Design) monitor the educational offer, the quality of teaching and student services, and make proposals to enhance them. Depending on the School, some or all of the representatives on the Joint Student-Professor Committee also sit on the School Council, which coordinates the study programs and provides general guidance to the School.

The members of the Academic Senate, the Board of Directors, and the Joint Student-Professor Committees form the **Student Council**, a body where discussions take place on topics addressed within the various governing bodies. At the beginning of their term, they also elect the student representatives to the *Nucleo di Valutazione* (*Evaluation Committee*), the *Comitato Unico di Garanzia* (*Guarantee Committee*), and the Sports Committee.

Each **Study Program** has a certain number of student representatives (the number varies depending on the number of enrolled students). Student representatives are full members of the **Study Program Council**, the body responsible for defining the Degree Program and Educational Rules for each Study Program. In this context, student representatives contribute to defining how teaching is delivered, analyzing the effectiveness of courses, organizing the study plan, and acting as spokespersons for their fellow students by reporting any issues related to teaching.

If you want to learn more about the role of representatives, as well as the different representation lists present at the Politecnico, we invite you to visit the page [Polimi – Rappresentanti e Associazioni](#).



### Work with Us as a Tutor

Politecnico di Milano offers students the opportunity to carry out tutoring activities as part of paid collaborations within the University:

- If you are a Master's degree student, you can support teaching through tutoring activities.
- If you are a Bachelor's degree student, you can take part in *Peer-to-Peer* tutoring activities, assisting fellow students along their academic path.

These collaborations are assigned through specific calls for application and are reserved for students who meet certain academic and financial requirements. Compensation and the number of working hours vary depending on the assigned role.

For more details on requirements, application procedures, and deadlines, visit the page: [Polimi - Paid Collaborations](#).

## What's next?

The [Career Service](#) is the professional guidance and placement service of the Politecnico di Milano. It works in collaboration with employers (both private and public companies) and with the Study Programs Councils to offer students, starting from their early academic years, a wide range of initiatives aimed at bringing them closer to the professional world. The goal is to broaden their perspective by presenting them with future opportunities in terms of promising sectors and the most in-demand roles and skills.

Among the services offered by the Career Service:

- **Personalised support programs** with a *Career Advisor*, providing tips for preparing an effective CV, simulating job interviews, and more. [Discover more in the video resources](#).
- **Special orientation pathways** to explore professional roles in innovation ([Am I an Innovator?](#)) across a variety of settings, from roles in established companies to positions involved in launching new start-ups.
- **Support in identifying internship opportunities**, both before and after graduation ([Internships](#)), as well as assistance in setting them up and formalising them through an *Internship Advisor*.



- **Organisation of orientation and mentoring events** with Italian and international companies (e.g. roundtables, career talks, career competitions, company tours), regularly posted on the website: [[Career Service](#)].

The Study program in Space Engineering facilitates entry into the workforce upon completion of one's academic career. To this end, Politecnico di Milano offers a Career Service, which, through events such as Career Days and PMI (small and medium-sized enterprise) Career Days, held approximately twice a year on the Bovisa campus, can help introduce students about to graduate to numerous Italian and international companies in every engineering sector and beyond. In the aerospace sector, the Career Service organizes the Aerospace Career Experience once a year, a day where Politecnico students and graduates can immerse themselves in an interactive experience with aerospace-related companies, offering the opportunity to meet those who truly work in our field.

Furthermore, there is also the possibility of continuing one's studies and/or entering the world of academic research and teaching through the PhD program.

## Contacts

<https://ccs-aerospaziale.polimi.it/responsabili-pratiche-studenti/>

Coordinator/President of the Study Programme: Pierluigi Di Lizia

Study Plans: Alessandro Croce – Paolo Lunghi

Admissions: Mauro Massari – Giulio Gori

Graduation/Final Exam: Antonella Abbà - Fabio Ferrari

Transfers and programme changes: Stefano Cacciola

International Mobility: Alessandro De Gaspari – Paolo Astori

Orientation: Paolo Bettini

Tutoring: Alessandro Airoidi

Student Representatives: [rappresentativestudenti-ccsaerospaziale@polimi.it](mailto:rappresentativestudenti-ccsaerospaziale@polimi.it)

Teaching Secretariat: Luca Zioni



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## Useful links

Website of the [School of Industrial and Information Engineering](#)

Website of the [Study Programme](#)

Student Office: [Online counter](#)

Campus and Services: [Equal Opportunities and Inclusion](#), [Psychological Well-being](#)