UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

POLYTECHNIC AND BASIC SCIENCE SCHOOL

DEPARTMENT OF INDUSTRIAL ENGINEERING

Student's Guide

2nd Cycle Degree/Master

2025-26

Degree programme class: (LM-20)

A quick guide to the programme

The programme at a glance

The Master's Degree in Aerospace Engineering aims to train engineers for a highly competitive and interdisciplinary international context, with high technological content and in continuous evolution, forming a professional figure of a versatile engineer, able to fit into highly qualified and rapidly developing production realities.
By integrating and completing the knowledge acquired in the first level courses, the student will acquire a solid and in-depth education in specific scientific sectors such as fluid dynamics, flight mechanics, aerospace structures and technologies, aerospace systems and plants, aerospace propulsion.
Specific training objectives concern the ability to analyse, design and manage innovative systems, processes and services; conception, execution and simulation of experiments. The ability to solve complex problems with a multidisciplinary approach makes the master's engineer particularly attractive and highly sought after in the job market. Solid methodological, scientific and technical knowledge, as well as system and technological skills allow the combination of basic knowledge with specific professionalizing skills. Furthermore, transversal skills of a communicative-relational, organizational-managerial and programming nature will be acquired. The opportunity will be provided to familiarize oneself with basic concepts useful for understanding the regulatory constraints that delimit the engineering activity, providing tools for a more conscious interaction with the world of professions.
It is emphasized that the preparation of the aerospace master's engineer has a highly interdisciplinary character, such as to allow the new graduate to enhance the specificity of his knowledge also in other sectors of engineering or the world of research.
The Course of Study is active at the Department of Industrial Engineering (http://www.dii.unina.it/?&lang=en), belonging to the Polytechnic School and Basic Sciences (http://www.scuolapsb.unina.it/).

Job Opportunities

The Master's Degree in Aerospace Engineering aims to provide students with solid skills to operate in various fields, as:
1) in the research and development sector in national and international aerospace industries, or in research centers;
2) in public agencies, in the military aeronautics and space institutions;
3) in public and private entities for the testing and certification of airplanes, air traffic control;
4) in airlines, manufacturing or service companies, or engineering companies.
In this context, graduates with a Master's Degree in Aerospace Engineering have job opportunities that extend well beyond regional and national boundaries.
Graduates with a Master's Degree will be able to take on managerial roles also in industries or certification bodies that are not exclusively aerospace, due to their highly interdisciplinary qualification, or enhance their knowledge in different sectors of the world of research.

Admission to the programme and prerequisites

Enrolment in the Master's Degree in Aerospace Engineering requires possession of a Bachelor's Degree or a three-year university diploma or another qualification obtained abroad recognized as equivalent. Access to the Master's Degree in Aerospace Engineering is free, subject to verification of possession of the curricular requirements specified in the Didactic Regulation of the Master's Degree Course, as well as verification of the requirements of adequacy of the student's personal preparation, as reported in the Didactic regulation published on the Degree Progamme website in the section dedicated to the Master's Degree (http://aerospaziale.dii.unina.it/en/orientation-lm).

Study Plan 2025-2026

Teaching or training activities	Module	CREDITS	SSD	Type (*)	Disciplinary area	
1st Year						
1st semester						
Related or Supplementary activities at the student's choice (note **a)**		9	ING-IND/13 (IIND-02/A) or MAT-05 (MATH-03/A)	C	Related or Supplementary	
Characterising activities mandatory in the track		9	From ING-IND/03 to ING-IND/07 (from IIND-01/C to IIND-01/G)	B	Aerospace Engineering	
Characterising activities mandatory in the track		9	From ING-IND/03 to ING-IND/07 (from IIND-01/C to IIND-01/G)	B	Aerospace Engineering	
2nd Semester						
Related or Supplementary activities at the student's choice (note **a)**		6	ING-IND/35 or SECS- S/02 (IEGE-01/A or STAT-01/B)	C	Related or Supplementary	
Characterising activities mandatory in the track		9	From ING-IND/03 to ING-IND/07 (from IIND-01/C to IIND-01/G)	B	Aerospace Engineering	
Characterising activities mandatory in the track		9	From ING-IND/03 to ING-IND/07 (from IIND-01/C to IIND-01/G)	B	Aerospace Engineering	
1st or 2nd semester						
Activities autonomously chosen by the student **(note d)**		0≤A≤15		D		
1st Year						
Annual						
Characterising activity optional in the track (**note b**)		9	From ING-IND/04 to ING-IND/06 (from IIND-01/D to IIND-01/E)	B	Aerospace Engineering	
2nd Year						
1st or 2nd semester						

Characterising training activities chosen by the student (two **9-Credits courses selected among the ones in track table, note c)** Curricular training activities chosen by the student **(two 6-Credits courses selected among the ones in track table, note c)**		18 12	From ING-IND/03 to ING-IND/07 (from IIND-01/C to IIND-01/G)	B B	Aerospace Engineering Aerospace Engineering	
Activities autonomously chosen by the student **(note d)**		15-A		D		
Further training activities (**note e)**		12		F	Article 10, paragraph 5, letter d	
Final test (**note f)**		12		E		

Table A

First year - related and supplementary activities, at the choice of the student (Type C)

Teaching or training activities	Modue	Credits	SSD	Type (*)	Disciplinary Area	Language
1st Semester						
Mechanics applied to Aerospace Engineering(*)		9	ING-IND/13 (IIND-02/A)	C	Related or supplementary	Italian
Mathematical Methods for Engineering(*)		9	MAT/05 (MATH-03/A)	C	Related or supplementary	English
2nd Semester						
Reliability and risk in Aerospace Engineering(*)		6	SECS-S/02 (STAT-01/B)	C	Related or supplementary	English
Economy and organization of aerospace industry		6	ING-IND/35 (IEGE-01/A)	C	Related or supplementary	Italian

All courses are offered in Italian, except those marked with *, which are only offered in English

AERONAUTICS

Teaching or training activities	Module (if any)	CREDITS	SSD	Type (*)	Disciplinary area	Required/Optional
1st Year						
1st Semester						
Related or supplementary at the student's choice (note **a)**		9	ING-IND/13 (IIND-02/A) or MAT-05 (MATH-03/A)	C	Related or supplementary	Mandatory
Aerospace Advanced Structures		9	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	Mandatory
Flight Dynamics and Simulation		9	ING-IND/03 (IIND-01/C)	B	Aerospace Engineering	Mandatory
2nd Semester						
Related or supplementary at the student's choice (note **a)**		6	ING-IND/35 (IEGE-01/A) oppure SECS-S/02 (STAT-01/B)	C	Related or supplementary	Mandatory
Aircraft Aerodynamics		9	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	Mandatory
Avionics		9	ING-IND/05 (IIND-01/E)	B	Aerospace Engineering	Mandatory
1st or 2nd semester						
~~Activitie~~s autonomously chosen by the student **(note d)**		0≤A≤15		D		
1st Year						
Annual						
Aerospace Design Project (**note b**)	Aerospace Design Project: Structures	3	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	Optional
	Aerospace Design Project: Systems	3	ING-IND/05 (IIND-01/E)			
	Aerospace Design Project: Fluid dynamics	3	ING-IND/06 (IIND-01/F)			

2nd Year						
1st or 2nd semester						
Characterising training activities chosen by the student (two **9-Credits courses selected among the ones in track table, note c)**		18	From ING-IND/03 to ING-IND/07 (from IIND-01/C to IIND-01/G)	B	Aerospace Engineering	
Curricular training activities chosen by the student **(two 6-Credits courses selected among the ones in track table, note c)**		12		B	Aerospace Engineering	
Activities autonomously chosen by the student **(note d)**		15-A		D		
Further training activities (**note e)**		12		F		
Final test (**note f)**		12		E		

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Table B1) - Characterising training activities (type B) chosen by the student

Teaching or training activities	Module (if any)	Credits	SSD	Type (*)	Disciplinary area	Language
2nd Year						
1st semester						
Numerical and experimental methods for aircraft Design (*)		9	ING-IND/03 (IIND-01/C)	B	Aerospace Engineering	English
Unmanned Aircraft Systems(*)		9	ING-IND/05 (IIND-01/E)	B	Aerospace Engineering	English
Aerospace Constructions II		9	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	Italian
Structural dynamics		9	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	Italian
Aeroelasticity(*)		6	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	English
Air Traffic Management and Control(*)		9	ING-IND/05 (IIND-01/E)	B	Aerospace Engineering	English
Aircraft Operations(*)		6	ING-IND/03 (IIND-01/C)	B	Aerospace Engineering	English
2nd Semester						
Rotary wing Aerodynamics		6	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	Italian
Aircraft Design(*)		9	ING-IND/03 (IIND-01/C)	B	Aerospace Engineering	English
Fluid-Structure interaction(*)		6	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	English
Aircraft on board systems (*)		6	ING-IND/05 (IIND-01/E)	B	Aerospace Engineering	English
Flight test (*)		6	ING-IND/03 (IIND-01/C)	B	Aerospace Engineering	English

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FLUIDODYNAMIC/PROPULSION

Teaching or training activities	Module	Credits	SSD	Type (*)	Disciplinary scope	Required/Optional
1st Year						
1st semester						
Related or supplementary activities at the student's choice (note **a)**		9	ING-IND/13 (IIND-02/A) or MAT-05 (MATH-03/A)	C	Related or supplementary	Mandatory
Computational Fluid Dynamics		9	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	Mandatory
Flight Dynamics and Simulation		9	ING-IND/03 (IIND-01/C)	B	Aerospace Engineering	Mandatory
2nd Semester						
Related or supplementary activities at the student's choice (note **a)**		6	ING-IND/35 (IEGE-01/A) or SECS-S/02 (STAT-01/B)	C	Related or supplementary	Mandatory
Space Propulsion(*)		9	ING-IND/07 (IIND-01/G)	B	Aerospace Engineering	Mandatory
Aircraft Aerodynamics		9	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	Mandatory
1st or 2nd semester						
~~Activitie~~s autonomously selected by the student **(note d)**		0≤A≤15		D		
1st Year						
Annual						
Aerospace Design Project (**note b**)	Aerospace Design Project: Structures	3	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	Optional
	Aerospace Design Project: Systems	3	ING-IND/05 (IIND-01/E)			
	Aerospace Design Project: Fluid dynamics	3	ING-IND/06 (IIND-01/F)			
2nd Year						

1st or 2nd semester						
Characterising training activities chosen by the student (two **9-Credits courses selected among the ones in track table, note c)**		18	From ING-IND/03 to ING-IND/07 (from IIND-01/C to IIND-01/G)	B	Aerospace Engineering	
Curricular training activities chosen by the student **(two 6-Credits courses selected among the ones in track table, note c)**		12		B	Aerospace Engineering	
Activities autonomously chosen by the student **(note d)**		15-A		D		
Further training activities (**note e)**		12		F		
Final test (**note f)**		12		E		

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Table B2) - Characterising training activities (Type B) chosen by the student

Teaching or training activities	Module (if any)	Credits	SSD	Type (*)	Disciplinary area	Language
2nd Year						
1st semester						
Hypersonic Aerodynamics (*)		9	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	English
Experimental Fluid dynamics(*)		9	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	English
Aeroelasticity(*)		6	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	English
2nd semester						
Rotary wing Aerodynamics		6	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	Italian
Fluid-Structure interaction(*)		6	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	English
Space Experiments(*)		6	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	English
Fluid dynamic stability(*)		6	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	English
Turbulence		6	ING-IND/06 (IIND-01/F)	B	Aerospace Engineering	Italian

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SPACE

Teaching or training activities	Module	Credits	SSD	Type (*)	Disciplinary area	Required/Optional
1st Year						
1st semester						
Related or supplementary activities at the student's choice (note **a)**		9	ING-IND/13 (IIND-02/A) or MAT-05 (MATH-03/A)	4	Related or supplementary	Mandatory
Space Structures(*)		9	ING-IND/04 (IIND-01/D)	2	Aerospace Engineering	Mandatory
Space Systems(*)		9	ING-IND/05 (IIND-01/E)	2	Aerospace Engineering	Mandatory
2nd semester						
Related or supplementary activities at the student's choice (note **a)**		6	ING-IND/35 (IEGE-01/A) or SECS-S/02 (STAT-01/B)	4	Related or supplementary	Mandatory
Space Flight Dynamics(*)		9	ING-IND/05 (IIND-01/E)	2	Aerospace Engineering	Mandatory
Spacecraft Propulsion(*)		9	ING-IND/07 (IIND-01/G)	2	Aerospace Engineering	Mandatory
1st or 2nd semester						
~~Aetivitie~~s autonomously selected by the student **(note d)**		0≤A≤15		3		
I Anno (1nd Year)						
Annual						
Aerospace Design Project (**note b**)	Aerospace Design Project: Structures	3	ING-IND/04 (IIND-01/D)	B	Aerospace Engineering	Optional
	Aerospace Design Project: Systems	3	ING-IND/05 (IIND-01/E)			
	Aerospace Design Project: Fluid dynamics	3	ING-IND/06 (IIND-01/F)			

2nd Year						
1st or 2nd semester						
Characterising training activities chosen by the student (two **9-Credits courses selected among the ones in track table, note c)**		18	From ING-IND/03 to ING-IND/07 (from IIND-01/C to IIND-01/G)	2	Aerospace Engineering	
Curricular training activities chosen by the student **(two 6-Credits courses selected among the ones in track table, note c)**		12		2	Ingegneria Aerospaziale	
Activities autonomously chosen by the student **(note d)**		15-A		3		
Further training activities (**note e)**		12		6		
Final test (**note f)**		12		5		

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Tabel B3) - Characterising training activities (type B) chosen by the student

Teaching or training activities	Module (if any)	Credits	SSD	Type (*)	Disciplinary area	Language
2nd Year						
1st semester						
Hypersonic Aerodynamics(*)		9	ING-IND/06 (IIND-01/F)	2	Aerospace Engineering	English
Aerospace Remote Sensing Systems (*)		9	ING-IND/05 (IIND-01/E)	2	Aerospace Engineering	English
2nd semester						
Space Mission Design (*)		9	ING-IND/05 (IIND-01/E)	2	Aerospace Engineering	English
Spacecraft Dynamics and Control (*)		6	ING-IND/05 (IIND-01/E)	2	Aerospace Engineering	English
Space Experiments (*)		6	ING-IND/06 (IIND-01/F)	2	Aerospace Engineering	English
Launch and re-entry vehicle design and Dynamics (*)		6	ING-IND/03 (IIND-01/C)	2	Aerospace Engineering	English

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Tabel C – Training activities suggested for the autonomous choise

Teaching or training activities	Module (if any)	Credits	SSD	Type (*)	Disciplinary area	Semester	
Geometrical Modelling and virtual Prototyping for Aerospace Engineering		9	ING-IND/15 (IIND-03/B)	D		First	
Combustion and Fluid Dynamics of reactive systems		6	ING-IND/25 (ICHI-02/A)	D		First	From the Master's Degree in Chemical Engineering
Hybrid Propulsion systems		6	ING-IND/08 (IIND-06/A)	D		Second	From the Master's Degree in Mechanical Engineering for Energy and Environment
Statistical lab for industrial data analysis (*)		9	SECS-S/02 (STAT-01/B)	D		First	From the Master's Degree in Engineering Management
Machine Learning and big data *(*)*		9	ING-INF/05 (IINF-05/A)	D		Second	From the Master's Degree in Autonomous Vehicle Engineering
Radar Systems		9	ING-INF/03 (IINF-03/A)	D		First	From the Master's Degree in Telecommunication Engineering
Signal and Image Processing		9	ING-INF/03 (IINF-03/A)	D		Second	From the Master's Degree in Telecommunication Engineering

Design Principles for wind and ocean renewable energy systems		6	ING-IND/03 (IIND-01/C)	D		First	
Electrical basics for Aeronautics		6	ING-IND/32 (IIND-08/A)	D		Second	
Electro-magnetic basics for Space applications		9	ING-INF/02 (IINF-02/A)	D		First	
Experimental Vibroacoustics (*)		6	ING-IND/04 (IIND-01/D)	D		Second	
Impact dynamics (*)		6	ING-IND/04 (IIND-01/D)	D		Second	
Elastodynamics and structural health monitoring principles (*)		6	ING-IND/04 (IIND-01/D)	D		Second	
Chemistry of Eco-Sustainable Materials For Aerospace and Energy		9	CHIM/07 (CHEM-06/A)	D		First	
UAS SIGNATURE, COMMUNICATIONI E CONTROMISURE	EFFECTS OF PLATFORM AND MISSION ON UAS SIGNATURE	3	ING-IND/05 (IIND-01/E)	D		First	
UAS SIGNATURE, COMMUNICATIONS, AND COUNTERMEASURES(*)	COMMUNICATIONS AND COUNTERMEASURES	3	ING-INF/03 (IIND-01/C)				

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List of propaedeuticities

None

Additional study plan information

*Type of Educational Activity (TAF):

B = Characterising
C = Related or Supplementary
D = At the student's choise
E = Final examination and language knowledge
F = Further training activities

Notes

a) A 9-CREDITS Course in the first semester and a 6-CREDITS course in the second semester, selected within related and supplementary activities (type C) among those

indicated in Table A.

b) An annual, optional 9-CREDITS course within the characterising activities (type B), common to the three tracks

c) Two 9-CREDITS courses (or a single 9-CREDITS course, if the student has chosen the annual course in the note b) and two 6-CREDITS courses*, within* type B chacacterising activities listed in Tables B1, *B2, B3, depending on* the selected track "Aeronautics", "Fluid Dynamics/Propulsion " or "Space", respectively.

d) The 15 CREDITS of autonomously selected courses can be chosen from:

d1 All type B courses in the first year in tracks other than the chosen one, all courses in Tables B1, B2, B3, independently of the chosen track, all the courses in Table C. This choice does not require the presentation of an individual study plan. The study plan will be automatically approved

d2 Courses taught at the Polytechnic School or offered under ERASMUS mobility programme. This choice requires the submission and approval of an individual study plan.

e) Further training activities normally include 3 CREDITS for additional language skills and 9 for internship. However, in accordance with the didactic regulations, the student may request to spend a maximum of 6 CREDITS for additional language knowledge, a maximum of 3 CREDITS for computer and telematics skills, a maximum of 12 CREDITS for training and orientation internships, a maximum of 3 CREDITS for other knowledges useful for entering the world of work.

Students who do not have a certification of knowledge of the English language at least at B2 level are required to spend 3 of the 12 CREDITS foreseen for further activities in the form of additional language skills. Students holding a certificate of English of level B2 at the time of the enrollment, can apply for recognition of 3 of the 12 CREDITS foreseen for further training activities in the form of Additional Language Knowledge.

Further knowledge credits may be acquired through intramoenia or extramoenia internship. The latter is carried out at companies, research centers or other public and/or private bodies and aims to acquire specialist knowledge by working with staff engaged in design or production activities or research facilities, in order to have a first approach with the world of work.

The intramoenia internship can be carried out at research laboratories in the university in order to acquire specialized knowledge, with the support of teaching staff and researchers, in conducting research and development activities . In all cases, the activity can be preparatory to the thesis work and the accomplishment of these tasks must be certified through the acquisition of the AC model, countersigned by the teacher responsible for the internship activity.

f) The final exam consists of an academic committee evaluating the master's thesis, prepared by the student under the guidance of a university supervisor. Activities carried out at research laboratories outside the university, as well as at Italian and foreign companies and institutions, may contribute to the preparation of the thesis, provided that they are part of a training program guided by a Professor of the Engineering Teaching Area of the University of Naples Federico II. The latter may, if necessary, avail himself of the correlation of tutors external to the academic teaching staff, who have helped to follow the graduate on specific topics of the training program developed.

The fulfillment of the conditions indicated in notes a), b), c) and d1) represents an automatic approval plan for which the student must give to the Secretariat, within the time allowed for the submission of the Study Plans by the didactic regulations, only the communication of the chosen address ("Aeronautics", "Fluid dynamics/Propulsion" or "Space")

Different solutions can be followed upon presentation of an individual study plan, to the Students' Secretariat of the Engineering Teaching Area of the Polytechnic and Science School of Base, exclusively in the terms established by the Educational Regulations. The Commission for Didactic Coordination of the Master's Degree Course reserves the right to decide on their approval or not on the basis of a clear justification expressed by the student and consistency with the teaching order of the course of studies in the academic year of enrollment, as required by law.

Finally, it should be pointed out that, in all cases, an examination can only be taken after the relevant course is given in the Academic Year of presentation of the Study Plan.

Traineeship opportunities

"Further training activities" in the Study Plane can be acquired either through intramoenia internship carried out at University laboratories, under the guidance of a Degree Progamme Teacher, or through extramoenia internship activities carried out at external structures (companies, public and/or private bodies) that have a specific agreement with the University Federico II.
The Degree Programme is particularly active in the field of international internships both through the PEGASUS aerospace study course network (https://www.pegasus-europe.org), with Airbus-PEGASUS international internships, and thanks to specific collaborations of the teachers with foreign companies and universities, which offer mobility and study activities abroad.
Details on the procedures for carrying out a curricular internship are at the link http://aerospaziale.dii.unina.it/en/internship

Graduation thesis and exam

The final exam consists in the presentation of a master's thesis written by the student under the guidance of one or more university supervisors. The thesis work, which can also be associated with an in-depth study on a topic covered during the internship, can also be written in English. Usually the student identifies through informal interviews a professor willing to entrust him with the thesis work. Alternatively, he can ask the Coordinator of the Study Course to identify an official supervisor. Usually the supervisor is a professor or researcher of the Degree Programme, but external professors are equally qualified to carry out this task.
The thesis concerns theoretical, and/or numerical, and/or experimental activities, carried out at a university laboratory, in research laboratories external to the university, as well as in Italian and foreign companies and institutions, provided that they are included in a training program guided by the university supervisor.
The final exam is taken by the Candidate with a Board chaired by the Coordinator of the Degree Course or by another teacher of the Degree Programme. The candidate is allowed to use audio-visual support. At the end of the presentation, each professor can pose questions to the candidate, relating to the topic of the thesis work. The presentation usually lasts 12 minutes.
Further information is available at the following link: http://aerospaziale.dii.unina.it/en/thesis

International exchange programmes (Erasmus programme)

The Master's Degree in Aerospace Engineering adheres to internationalization programs and other inter-university cooperation programs aimed at issuing degrees, also jointly with other foreign universities. In particular, two programs are active that provide for the issuing of a double degree at the Universidad de Sevilla (Spain) and at the École Nationale Supérieure de Mécanique et d'Aérotechnique (ISAE-ENSMA) in Poitiers (France). For participation in the double degree program with the University of Seville, the selection announcement for a maximum of 3 students is published annually on the degree program website.

Further information is available in the Degree Programme regulations published on the Degree Programme website: http://aerospaziale.dii.unina.it/en/double-degree

Furthermore, the Degree Course adheres to the ERASMUS+ student mobility program to allow students to spend a period of study or carry out an internship at a partner institution belonging to a University of the European Union, see link (https://www.unina.it/didattica/opportunita-studenti/erasmus/programma)

Special Educational Paths

Expert in Aeronautical Maintenance

The Master's Degree in Aerospace Engineering offers students the choice of a particular study plan aimed at acquiring specific skills in the field of Aircraft Maintenance and formally recognized by the National Civil Aviation Authority (ENAC). The engineering training acquired through this study path will allow the development of a professional profile of "Expert in Aeronautical Maintenance" and to obtain an Examination Credit Certificate (ECC) recognized by ENAC to undertake a career as an independent engineer with the qualification of "certifying staff" or in a company with the appropriate licenses and authorizations to certify the maintenance performed on aircraft, in accordance with the requirements set by European legislation (EASA Part 66, EU Regulation).
The criteria for obtaining the “ENAC Examination Credit Certificate” are available on the Degree Course website (http://aerospaziale.dii.unina.it/en/allcategories-en-gb/39-opportunita/123-aircraft-maintenance-licence-aml).

Minor in Space Economy

The Minor Course in "Space Economy" stems from the growing interest and need of the national and international economic, productive, and institutional systems to train new professionals capable of identifying, understanding, and effectively managing high-tech business opportunities within the Space Economy. This aims to improve products, services, and processes in existing organizations and stimulate new entrepreneurial ventures. The educational goal of the Minor Course in "Space Economy" is to develop skills and knowledge to form professionals capable of integrating technical-scientific, legal-institutional, and managerial aspects within organizations operating in the Space Economy. These professionals will be able to drive technology transfer and capacity building actions, facilitating the use of advanced technologies in large and medium-small enterprises.
The innovative elements of the Minor Program also lie in its choice of an innovative learning strategy, based on the philosophy of "learning by doing," aiming to involve students in a training process that develops their skills through a dynamic learning model that combines traditional lectures with individual and group projects, allowing students to acquire skills through direct dialogue with academics and professionals. Further Information are available on the degree program website.

Orientation and Tutoring

Orientation to incoming students

The prospective student can gather information by interacting directly with university personnel responsible for orientation, in online and in-person events, which take place throughout the year.

The calendar of individual events is available on the University website at the portal www.orientamento.unina.it, which is also reported on the website of the Polytechnic School of Basic Sciences (SPSB), www.scuolapsb.unina.it in the orientation section.

In particular, the Degree Course organizes various incoming orientation initiatives coordinated at the Departmental, School and University levels.

Every year the Magistrali@SPSB event is organized in which the following are shown: the educational offer of the master's degrees, the career opportunities and thesis and internship opportunities. The Youtube recordings of these events are also available later via the SPSB website reported in the previous sections.

In the period March-July the "Open Days" events are organized to visit the facilities in person or attend specific events. The dates of these events are provided during the Magistrali@SPSB event and the participation modalities can be found on the website of the Department of Industrial Engineering (http://www.dii.unina.it/?&lang=en).

A video presentation of the course of study is available at the link: http://aerospaziale.dii.unina.it/en/

Tutoring and counseling

The Degree Course organizes ongoing orientation initiatives, in close coordination with the other courses of study of the Department and in collaboration with the Polytechnic and Basic Sciences School. These initiatives aim to facilitate the student in defining a study plan suited to his inclinations, providing detailed information on the knowledge and skills related to each course.

Career orientation and job placement

The Degree Course organizes outgoing orientation activities in a coordinated manner with its Department, with the Polytechnic and Basic Sciences School (SPSB) and the University.
A list of opportunities for extra-curricular internships (i.e. post-graduate) and job offers is available on the website www.orientamento.unina.it.
In addition, the SPSB manages a dynamic job placement platform, at www.jobservice.unina.it. The platform is aimed at students and companies to facilitate the meeting between supply and demand for curricular internships (pre-graduate), extra-curricular internships (post-graduate) and work.
In order to reduce placement times and make career choices more informed, in spring, the degree course contributes to the SPSB event "Career Day@SPSB", generally in person. During this event, students and recent graduates have the opportunity to personally learn more about the production domains of individual companies and the job profiles offered.
Furthermore, the presentation of professional opportunities and job and research opportunities is also promoted through thematic seminars, organized by the Course of Studies during the year.
Finally, specific training events for soft skills (e.g. communication and relational skills and competences, preparation for entering the job market) are organized periodically.

Calendar of educational activities and timeline

Application timeline

The terms and deadlines for enrolment and registration for subsequent years are set by the University, with methods that are made known within a specific Guide to enrolment and payment of fees published at the URL:
https://www.unina.it/didattica/sportello-studenti/guide-dello-studente

Further deadlines (e.g. deadlines for submitting study plans, deadlines for submitting ERASMUS applications, etc.) are reported on the Course of Study website: http://aerospaziale.dii.unina.it/en/

Academic Calendar: courses and exams

Details on the academic calendar and exams are available at the link:
https://www.scuolapsb.unina.it/calendario-delle-attivita-didattiche-del-collegio-di-ingegneria/

The detailed exam calendar, dynamically updated, ai available at the link:
http://aerospaziale.dii.unina.it/en/info-lm-en

Course Timetable

The detailed timetable of the lessons, dynamically updated, is available at the link:
http://easyacademy.unina.it/agendastudenti/index.php?view=rooms&include=rooms&_lang=it

Graduation dates

The detailed and dynamically updated calendar of graduation sessions is available at the link:
https://www.scuolapsb.unina.it/esame-di-laurea-collegio-degli-studi-di-ingegneria/

Contact Persons

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Contact person for International Students: Prof. Alfredo Renga – Department of Industrial Engineering - tel. 0817682359 - e-mail: alfredo.renga@unina.it

Contact person for training activities: Prof. Francesco Franco – Department of Industrial Engineering - tel. 081-7683632- e-mail: francesco.franco@unina.it

Contact person for student orientation: Prof. Pierluigi Della Vecchia– Department of Industrial Engineering - tel. 081-7683328 - e-mail: pierluigi.dellavecchia@unina.it

Representative of the student body:
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Student Administration Offices: Dr. Fernanda Nicotera - Department of Industrial Engineering – Tel. 0812537108 – e.mail: uff.didattica.dii@unina.it

Sites and links

Study Course Location: Department of Industrial Engineering
Piazzale Tecchio, 80 - 80125 Napoli (Italy)

Educational activities take place in the western area of Naples, at the following educational facilities:

Piazzale Tecchio, 80 Napoli (Italia) (LAT, LONG: 40.82477593093813, 14.194545098596919)
Via Claudio, 21 Napoli (Italia) (LAT, LONG: 40.82870187914759, 14.190399752943291)
Via Nuova Agnano, 30-38 Napoli (Italia) (LAT, LONG: 40.81828782665476, 14.174878683625861)

Degree programme website
http://aerospaziale.dii.unina.it/

Department Web Site
http://www.dii.unina.it/

Polytechnic School Web Site
http://www.scuolapsb.unina.it/

University Web Site
https://www.unina.it/

Student Orientation Web Site
http://www.orientamento.unina.it/

Social Networks
facebook “Corso di Studi in Ingegneria Aerospaziale”
https://www.facebook.com/groups/370219660341023

Course description

The content and objectives of the courses together with the name of the course holder, the method of implementation and verification are reported on the Degree Course website available at the link http://aerospaziale.dii.unina.it/en/manifesto-of-studies