

In cooperation with



ICAO



Università
degli Studi di
Messina

DIPARTIMENTO DI GIURISPRUDENZA
"SALVATORE PUGLIATTI"



Level I Master's Course
in
'Aviation: Sustainable

Development Goals'

This University Master's Course allows you to acquire an interdisciplinary, high level education, needed to answer questions of the aviation global market, especially with regard to sustainability aspects.

This Course is organized by the University of Messina (Italy) in cooperation with the International Civil Aviation Organisation (ICAO), considering that this University is corporate partner of the ICAO Trainair Plus Programme and the ICAO's Strategic Objectives are strongly linked to 15 of the 17 United Nations Sustainable Development Goals (SDGs) within the 2030 Agenda framework.



The one-year (1500 hours, 60 credits) Master's Course is composed of 276 hours of frontal lessons/exercises in distance learning. It is also composed of 850 hours of guided self-study and 150 hours for the thesis/project work. It is necessarily complemented by 224 hours of in-person and/or virtual internship, with the aim to apply what has been learned to a real working context.

Why study this subject?

In order to answer this question, it is enough to think about the pivotal role recently assumed by the principles of sustainable development and the increasingly perceived need to ensure better environmental and socio-economic conditions for present and future generations.

Transport is a key component to meet the UN Sustainable Development Goals.

In particular, the aviation industry and airports play a significant role in global emissions and environmental impact. To address this, the adoption of sustainable practices, balancing carbon emission reductions and socio-economic development, is crucial.



Why study at Messina University?





The University of Messina is working in cooperation with the International Civil Aviation Organization (ICAO) thanks to a long tradition in the space field (the first Italian Conference on Cosmic Law and the first Air Charter Symposium took place in Messina, respectively, in 1960 and 1976) and extensive expertise in high level aviation education and training. In fact, the first chair of Air Law was

activated in the Faculty of Law in 1937 and its University Centre for Transportation Studies (CUST Euromed), successfully organized many High Level Education Courses/Masters and carried out a lot of research projects in this context.

See the website <https://cust.unime.it/it>

You will work with specialist academics and practitioners from the aviation and experts in the field of aviation sustainability.

We will support you to achieve ambitious goals in the workplace.

What will I study?

The educational programme is divided in 20 modules on legal, economic and technical aspects of aviation. In particular, some didactic modules are entirely dedicated to sustainability and the technical ones are addressed from a sustainability perspective.

The training Course ends with the discussion of a thesis/project work, written in English (or Italian) on the topics faced during the Course.

At the end of the Master, you will obtain:

- a master's university diploma, decisive for your professional development;
- a high level, interdisciplinary education, necessary to meet the needs of the global aviation market;
- the (legal, economic and technical) knowledge and skills to estimate plans, programmes and projects, and to make choices that presuppose a specific competence in economic, social and environmental sustainability issues.
- the skills to exercise managerial and responsible tasks in the aviation sector and, more generally, in the transport sector.

How will I be taught and assessed?

You will study in a virtual classroom. Therefore, attendance is compatible with any other full-time or part-time job.

Attendance is compulsory of at least 75% of the total hours of the Course.

You will attend under the guidance of teachers, experts and tutors.

All the lessons will be entirely in English.

At the end of each module you will be subject to an intermediate verification test on the topics addressed. Study materials and other didactic tools will be provided online.

Workshops and Seminars will be an integral part of the Course.

What are the requirements for application?

To be admitted to the Master's Course you need:

- a bachelor's degree in law, economics and political/social sciences, engineering, in humanities , in languages or other degrees consistent with the contents of the Master;
- a level B1 ('intermediate') certificate of proficiency in English.

If you have specific questions about the requirements or any other elements of the Course, please email francesca.pellegrino@unime.it

Didactic Modules

	Module	Credits
1)	Air Law	8
2)	Sustainable Development	4
3)	Aviation history	1
4)	Aeronautical engineering (fundamentals of flight) and Aircraft Maintenance	1,5
5)	Transport Economics	1,5
6)	Air Cargo sector &	2

	business jet	
7)	Licences, certifications, inspections	2,5
8)	Sustainable development of transport	1,5
9)	Sustainable development of air transport	1,5
10)	Economics and business management. Business accounts	2,5
11)	Company's sustainable development	2,5
12)	Air transport strategy, policy and finance	2
13)	Sustainable development of airline companies	2,5

14)	Airport system and sustainability	0,5
15)	Communication, Airport system and Sustainability	0,5
16)	Flight Operations	3
17)	Ground operations	2,5
18)	Training	2,5
19)	Human factor & safety	2,5
20)	Security	1,5
TOTAL CREDITS OF LESSONS		46
CREDITS OF INTERNSHIP/TRAINEESHIP		10

CREDITS OF THESIS/PROJECT WORK		4
TOTAL		60

How much it costs?

€ 3000,00 (three thousand euros)

For payment problems

Contact the University Master Office:

+39 0906768587

What are the career prospects?

This Course is for anyone aspiring to become manager/executive, senior official with responsible tasks in airlines, airport management, handling companies and other public/private entities operating in the transport sector.

The Master is also designed for those who already work in this sector and wish to develop their career in medium and large companies or who want to upgrade and to be able to add value in the company, implementing sustainable business models.



Master Director

Professor Francesca Pellegrino

Contact us

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