





PROGRAMME

OF THE FIRST LEVEL

MASTER IN AVIATION: SUSTAINABLE DEVELOPMENT GOALS

Academic Year 2025/2026

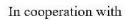
(First Edition)

N.	MODULE	SPECIFIC	CLASS HOURS	Credits
		EDUCATIONAL		
		OBJECTIVES AND		
		CONTENTS		
1	FUNDAMENTALS OF FLIGHT AND AIR	- Fundamentals of Flight	59 theoretical lessons	9
	LAW	and History of Aviation		
		- Sources of Air	29 exercises	
		Navigation Law and		
		Analogy	30 simulations	
		- Freedoms of the Air		
		and Traffic Rights: Legal		
		Aspects		
		- American Deregulation		
		and European		
		Liberalization: Legal		
		Aspects		
		- Civil Aviation Bodies		
		and Organizations		
		(ICAO, Eurocontrol,		
		EASA, ENAC, ENAV,		
		ANSV, IATA)		
		- The Operator		
		- Aviation Licensing:		
		Regulatory Aspects:		
		Requirements for		
		Acquiring and		
		Maintaining an AOC		
		(Air Operator		









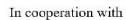














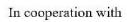


		passenger-kilometer cost, load factor, break-even, etc.) - Imposed costs (ATC, Airport Taxes, IATA, etc.) - Green transition and rising flight costs - Sustainable pricing		
4	SUSTAINABLE TRANSPORT DEVELOPMENT	- Applying sustainability principles to the transport sector - European transport policy - Sustainable mobility - Logistics and intermodality for sustainable development	20 theoretical lessons 29 exercises 30 simulations	3
5	SUSTAINABLE DEVELOPMENT OF AIR TRANSPORT	- Aviation Sustainability - Air pollution from aircraft - Noise pollution from aircraft - EU legislation on the sustainable development of air transport - International legislation on the sustainable development of air transport, with particular attention to ICAO regulations (Annexes), CORSIA (Carbon Offsetting and Reduction Scheme for International Aviation), etc.	20 theoretical lessons 29 exercises 30 simulations	3
6	ECONOMICS AND SUSTAINABLE BUSINESS MANAGEMENT	- Aircraft Performance - Fuel Purchasing (Policy)	26 theoretical lessons 29 exercises	5











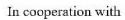


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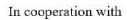


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- Fuel Policies:		
Alternative Fuels	30 simulations	
- Sustainable Aviation		
Fuel (SAF)		
- Emissions Trading		
System (ETS)		
- Climate Change and the		
Role of Aviation		
- Strategic Alliances		
- Air Transport Pricing		
Policy		
- Service Quality and		
Customer Satisfaction		
- Green Projects		
- EMAS (Eco		
Management and Audit		
Scheme) Certification		
- Corporate Management		
System		
- Lobbying Against		
European Union		
Environmental Policies		
- Fuel Consumption		
Reduction and Flight		
Safety		
- Environmental Risk		
Management		
- The Sustainability of		
Post-Pandemic Air		
Transport		
- National Action Plans		
as a Voluntary Tool for		
Emissions Reduction		
- ICAO's Commitment:		
Resolution A39-2		
"Consolidated Statement		
of Continuing ICAO		
Policies and Practices		
Related to Environmental		













	TOTAL HOURS		1500	60
	INDIVIDUAL STUDY AND FINAL THESIS DRAFTING		335	4
	STAGE/INTERNSHIP		300	10
	TOTAL (LESSONS, EXERCISES AND SIMULATIONS)		865 (of which: 276 hours of theoretical lessons; 289 hours of practical exercises; 300 hours of simulations)	46
10	AIRPORT SYSTEM AND SUSTAINABILITY	Protection – Climate Change" - IATA's Role in a Sustainable Recovery - Aircraft Scrapping/Dismantling: Pollution and the Circular Economy - Sustainable Development of Flight Operations - Legislation and Consumption Oil disposal, aircraft washing, noise and environmental pollution; - use of Auxiliary Power Units (APUs) - sustainable airport development - sustainable ground operations development	21 theoretical lessons 28 exercises 30 simulations	3,5