

Master International Air Transport Operations Management

Aéronautique et espace

-  Niveau d'étude visé
BAC +5
-  Diplôme
Master (LMD)
-  Domaine(s) d'étude
Ingénierie des systèmes,
Economie,
Economie internationale,
Gestion d'entreprises -
Management,
Marketing
-  Accessible en
Formation initiale, VAE
-  Établissements
ENAC - Ecole nationale de l'aviation civile

Présentation

Presentation :

The Master of Science in IATOM is a two year-degree accredited by the French Ministry of Education for those students who hold a Bachelor degree in a relevant subject. Located in Toulouse, a major centre for science and technology and the European aviation capital, ENAC is a gateway to air transport worldwide, recognised by ICAO and major civil aviation organisations as one of the world's leading air transport educational institutions.

Objectifs

Objectives

The MSc in IATOM has been designed to emphasise the application of up-to-date engineering and management concepts or methods of the aeronautical and aviation industry. The full-time two-year Master in IATOM aims at providing the technical and management expertise necessary

to a future manager in an international company. It provides graduates with in-depth knowledge in aeronautical engineering, aeronautical project management and technology management, to be able to meet the aeronautical industry demands in terms of the innovative engineers they need to strengthen and develop their business. The Master in IATOM offers a comprehensive teaching programme with a strong scientific background, aeronautical and aviation engineering, legal, social environment, the economy and project management enabling graduates to get junior management positions in the aeronautical industry, airlines, airports or civil aviation authorities: flight operations engineer, aircraft performance engineer, maintenance manager, airlines operations planning, marketing manager, etc.

Project management currently forms the backbone of the Master IATOM concerns.

Et après...

Insertion professionnelle

Career opportunities

Four main recruitment domains:

- Aircraft manufacturers
- Civil Aviation Authorities
- Airlines
- Airports

Contact(s)

Contacts

Responsable pédagogique

Muriel GIZARDIN

☎ +33 5 62 17 44 12

✉ muriel.gizardin@enac.fr

Karine MICHELET

☎ +33 5 62 17 43 73

✉ recrutement.masters@enac.fr

Infos pratiques

Contacts

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Lieu(x)

📍 Toulouse

Programme

Année 1

Semestre 8

IATOM EMAO Semestre 8

	Nature	CM	TD	TP	Crédits
AE413E - Aircraft certification	UE				3
AE416E - Structural design	UE				2
OP401E - Flight operations	UE				2
MN402E - Introduction to aircraft maintenance	UE				1
EA402E - Airport design	UE				2
EA403E - Airport management	UE				2
EA405E - Pollution, noise and environment	UE				2
DJ401E - Air transport law	UE				2
EC402E - Airline costs and financial management	UE				3
EC403E - Air transport marketing	UE				3
LV402 - French culture and language	UE				2
MT402E - Aeronautical meteorology	UE				2
EA404E - Airport security	UE				2
TX490E - Aerodynamic project	UE				3
OP402E - Flight Ops & Airport project	UE				3

IATOM ACOM Semestre 8

	Nature	CM	TD	TP	Crédits
AE413E - Aircraft certification	UE				3
AE415E - Production principles	UE				1
RG6008E - Certification of propulsion systems	UE				2
CS408E - Introduction to safety	UE				1
RG403E - Operators certification	UE				2

OP401E - Flight operations	UE	2
OP403E - Flight Ops project	UE	3
MN401E - Manufacturers role	UE	3
MN402E - Introduction to aircraft maintenance	UE	1
CS403E - SMS (Manufacturers, Operators, MRO)	UE	3
CS409E - Project management	UE	1
EC417E - Air transport economics	UE	1
LV408 - French culture and language	UE	4
TX490E - Aerodynamic project	UE	3
MT402E - Aeronautical meteorology	UE	2

Semestre 7

	Nature	CM	TD	TP	Crédits
EC401E - Fundamental economics	UE				3
CS401E - Project management	UE				3
LV401 - Culture and language French	UE				2
AE402E - Fluid mechanics, aerodynamics	UE				4
AE401E - Flight Mechanics	UE				3
AE403E - Aircraft structure	UE				3
AE407E - Propulsion	UE				3
AE410E - Which aircraft for which mission ?	UE				3
AU405E - Operations Research	UE				3
MA410E - Statistics	UE				3
MT401E - General Meteorology	UE				2

Année 2

Semestre 10

	Nature	CM	TD	TP	Crédits
TX5900 - Projet de fin d'études	UE				30

Semestre 9

	Nature	CM	TD	TP	Crédits
LV501 - Culture and Language - French	UE				2
SH503E - Human Resources Management	UE				2
EC5012E - Customer Relationships	UE				1
EC502E - Airlines' Marketing	UE				2
OP502E - Flight operations optimization	UE				2
AV501E - Avionics systems	UE				3
AT501E - Air Traffic Organisation and management	UE				2
IP520E - IT tools : programming language and databases	UE				4
SH504E - Operations Research applied to Air Transportation	UE				3
OP501E - Airline Project	UE				3
EC5020E - Aeronautical companies strategy	UE				3
EC5021E - Air transport economics (regulation and networks)	UE				1
EC5022E - Pricing and revenue management	UE				1
EC5023E - Strategic game	UE				1
RG501 - Airworthiness project	UE				2
MN510E - Aircraft technical management	UE				2
AE502E - Maintenance Services & Business	UE				2
EA406E - Helicopters	UE				2