

# MASTER INTERNATIONAL AIR TRANSPORT OPERATIONS MANAGEMENT

## RÉSUMÉ DE LA FORMATION

**Type de diplôme :** Master (LMD)

**Domaine ministériel :** Sciences, Technologies, Santé

**Mention :** Aéronautique et espace

## 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,

### PLUS D'INFOS

**Niveau d'étude :** BAC +5

**Public concerné**

\* Formation initiale

**Nature de la formation :**  
Parcours

### EN SAVOIR PLUS

[ENAC Website](#)

maintenance manager, airlines operations planning, marketing manager, etc.

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

## Informations supplémentaires

### Additional information

Please, click [here](#) to access to the "Fiche RNCP" (Répertoire national des certifications professionnelles).

## Organisation de la formation

### Année 1

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#### Semestre 7

- *Human and social science (Obligatoire)*
  - EC401E - Fundamental economics
  - CS401E - Project management
  - LV401 - French culture and language
- *Theoretical flight fundamentals (Obligatoire)*
  - AE402E - Fluid mechanics, aerodynamics
  - AE401E - Flight Mechanics
  - AE403E - Aircraft structure
  - AE407E - Propulsion
  - AE410E - Which aircraft for which mission ?
- *Mathematics tools (Obligatoire)*
  - AU405E - Operations Research
  - MA410E - Statistics
- *Elective courses (Obligatoire)*
  - MT401E - General Meteorology

#### Semestre 8

##### IATOM EMAO Semestre 8

- *Aircraft operations (Obligatoire)*
  - AE413E - Aircraft certification
  - AE416E - Structural design
  - OP401E - Flight operations
  - MN402E - Introduction to aircraft maintenance
- *Aircraft environment (Obligatoire)*
  - EA402E - Airport design
  - EA403E - Airport management

- EA405E - Pollution, noise and environment
- *Economics and human sciences (Obligatoire)*
  - DJ401E - Air transport law
  - EC402E - Airline costs and financial management
  - EC403E - Air transport marketing
  - LV402 - French culture and language
- *Technical project (Obligatoire)*
  - TX490E - Aerodynamic project
- *Elective courses (Obligatoire)*
  - MT402E - Aeronautical meteorology

#### IATOM ACOM Semestre 8

- *Initial certification (Obligatoire)*
  - AE413E - Aircraft certification
  - AE415E - Production principles
  - RG6008E - Certification of propulsion systems
  - CS408E - Introduction to safety
- *Operations (Obligatoire)*
  - OP401E - Flight operations
  - RG403E - Operators certification
- *Continouous airworthiness (Obligatoire)*
  - MN401E - Manufacturers role
  - MN402E - Introduction to aircraft maintenance
  - CS403E - SMS (Manufacturers, Operators, MRO)
- *Language & social sciences (Obligatoire)*
  - CS409E - Project management
  - EC417E - Air transport economics
  - LV408 - French culture and language
- *Technical project (Obligatoire)*
  - TX490E - Aerodynamic project
- *Elective courses (Obligatoire)*
  - MT402E - Aeronautical meteorology

#### Année 2

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#### Semestre 9

- *Human and social science (Obligatoire)*
  - LV501 - French language and culture
- *Airline technical operations (Obligatoire)*
  - IP520E - IT tools : programming language and database
  - OP502E - Aircraft performance optimisation
  - AV501E - Flight management systems
  - AT501E - Air Traffic Organisation and management
- *Airline management (Obligatoire)*
  - EC502E - Airlines marketing, customer support and fleet management
  - SH503E - Human Resources Management
  - SH504E - Flight planning and crew management

- *Option Maintenance (Obligatoire)*
  - MN501E - Aircraft Maintenance Management Introduction
  - MN502E - OEM Customer Services Organization and Logistics
  - MN503E - Airline Engineering and MRO
- *Option Strategy (Obligatoire)*
  - EC5020E - Aeronautical companies strategy
  - EC5021E - Air transport economics (regulation and networks)
  - EC5022E - Pricing and revenue management
  - EC5023 - Strategic game

Semestre 10

- *Projet final (Obligatoire)*
  - TX5900 - Projet de fin d'études

## Conditions d'accès

Les admissions sont fermées pour 2018.

La nouvelle période de recrutement ouvrira en novembre 2018.

## Insertion professionnelle

### Career opportunities

Four main recruitment domains:

- Aircraft manufacturers
- Civil Aviation Authorities
- Airlines
- Airports

## Composante

ENAC - Ecole nationale de l'aviation civile

### Lieu(x) de la formation

Toulouse

### Responsable(s)



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