

# 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

- *Sciences humaines et sociales (Obligatoire)*
  - EC401E - Economie du transport aérien
  - CS401E - Gestion de projet
  - LV401 - Langue et culture françaises
- *Bases théoriques du vol (Obligatoire)*
  - AE402E - Mécanique des fluides, aérodynamique
  - AE401E - Mécanique du vol
  - AE403E - Structure avion
  - AU405E - Recherche opérationnelle
- *Environnement de l'avion (Obligatoire)*
  - EA402E - Conception des aéroports
  - EA403E - Exploitation aéroportuaire
- *Cours facultatifs (Obligatoire)*
  - EA404E - Sécurité aéroportuaire
  - MT401E - Météorologie générale

### Semestre 8

#### IATOM EMAO Semester 8 Printemps 2018

- *Aerotechnics and aircraft operations (Obligatoire)*
  - AE407E - Propulsion
  - RG402E - Aircraft airworthiness and structural design
  - OP401E - Flight operations
  - AE406E - Aerodynamic design and flight control
  - EA405E - Pollution, noise and environment
- *Economics and human sciences (Obligatoire)*
  - LV402 - French culture and language

- DJ401E - Air transport law
- EC402E - Airline costs and financial management
- EC403E - Air transport marketing
- *Technical project (Obligatoire)*
  - TX490E - Synthesis project
- *Elective courses (Obligatoire)*
  - MT402E - Aeronautical meteorology
  - EA406E - Helicopters

#### IATOM ACOM Semester 8 Printemps 2018

- *Initial certification (Obligatoire)*
  - AE413E - Initial certification
- *Operations (Obligatoire)*
  - RG403E - Operators certification
  - OP401E - Flight operations
- *Continouous airworthiness (Obligatoire)*
  - MN401E - Manufacturers role
  - MN402E - Introduction to maintenance constraints
  - CS403E - SMS
- *French courses (Obligatoire)*
  - LV408 - French culture and language
- *Elective courses (Obligatoire)*
  - EA406E - Helicopters
  - MT402E - Aeronautical meteorology
  - RG6008E - Certification of propulsion systems

#### Année 2

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#### Semestre 9

- *Sciences humaines et sociales (Obligatoire)*
  - LV501 - Langue et culture françaises
- *Opérations techniques des compagnies aériennes (Obligatoire)*
  - IP520E - IT tools : programming language and database
  - OP502E - Optimisation des performances avion
  - AV501E - Systèmes de gestion du vol
  - AT501E - Organisation de l'espace aérien et circulation aérienne
- *Management des compagnies aériennes (Obligatoire)*
  - EC502E - Marketing support client et choix de flotte
  - SH503E - Gestion des ressources humaines
  - SH504E - Planification du vol et gestion des équipages
- *Option Maintenance (Obligatoire)*
  - AE501E - Maintenance Engineering and Management
- *Option Strategy (Obligatoire)*
  - EC5020E - Stratégie des entreprises aéronautiques
  - EC5021E - Economie du transport aérien (réglementation et réseaux)

- EC5022E - Tarification et revenue management
- EC5023 - Stratégie par le jeu

Semestre 10

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

## Conditions d'accès

Pour plus d'informations, merci de cliquer [ici](#)

## 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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