

MASTER INTERNATIONAL AIR TRANSPORT OPERATIONS MANAGEMENT

TYPE DE DIPLÔME

Master (LMD)

NIVEAU D'ÉTUDE VISÉ : BAC +5

ACCESSIBLE EN :

Formation initiale

VAE

DOMAINE D'ÉTUDE : Ingénierie des systèmes, Economie, Economie internationale, Gestion d'entreprises - Management, Marketing

Domaine :

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.

ÉTABLISSEMENT(S)

ENAC - Ecole nationale de l'aviation civile

LIEU(X) D'ENSEIGNEMENT

Toulouse

CONTACT

Informations supplémentaires

Additional information

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

Parcours

Année 1

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
- Elective courses (Obligatoire)
 - MT402E - Aeronautical meteorology
 - EA404E - Airport security
- Technical project (Obligatoire)
 - TX490E - Aerodynamic project
 - OP402E - Flight Ops & Airport project

IATOM ACOM Semestre 8

- Initial certification (Obligatoire)
 - AE413E - Aircraft certification
 - AE415E - Production principles
 - RG6008E - Certification of propulsion systems
 - CS408E - Introduction to safety
- Operations (Obligatoire)
 - RG403E - Operators certification
 - OP401E - Flight operations
 - OP403E - Flight Ops project
- Continuous 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

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

Année 2

Semestre 10

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

Semestre 9

- Human and social science (Obligatoire)
 - LV501 - French language and culture
 - SH503E - Human Resources Management
 - EC5012E - Customer Relationships
 - EC502E - Airlines' Marketing
- Aircraft and Operations (Obligatoire)
 - OP502E - Flight operations optimization
 - AV501E - Avionics systems
 - AT501E - Air Traffic Organisation and management
- Mathematics and IT Tools (Obligatoire)
 - IP520E - IT tools : programming language and databases
 - SH504E - Operations Research applied to Air Transportation
- Projects (Obligatoire)
 - OP501E - Airline Project
- Option Strategy (Obligatoire)
 - EC5020E - Aeronautical companies strategy
 - EC5021E - Air transport economics (regulation and networks)
 - EC5022E - Pricing and revenue management
 - EC5023E - Strategic game
- Option Maintenance (Obligatoire)
 - RG501 - Airworthiness project
 - MN510E - Aircraft technical management
 - AE502E - Maintenance Services & Business
- Elective courses (Obligatoire)
 - EA406E - Helicopters

Perspectives professionnelles

Career opportunities

Four main recruitment domains:

- Aircraft manufacturers
- Civil Aviation Authorities
- Airlines
- Airports

Contact