

ADVANCED MASTER UNMANNED AIRCRAFT SYSTEMS SERVICES AND MANAGEMENT

IN BRIEF

Type of diploma : Advanced Masters

Ministry field(s) : Science and Technology

Presentation

Drones aka UAS, UAV, or RPAS are revolutionizing the civil aviation industry. It has been adapted for commercial use on a global scale creating new opportunities in the market.

The air transport, the audio-visual, the transportation, the agriculture domain, the defense industry as well as the energy sector are seeking experts in the new technology and its management.

Operators, Manufacturers and Air transport regulatory bodies need high-level experts. To meet this demand, ENAC developed this Advanced Master in close partnership with major users of drones such as Airbus, SAFRAN, Thales, RTE, SNCF, Engie, Bouygues, ADP Group, Delair-Tech, Airborne Concept etc.

As a graduate of the ENAC Advanced Master in Unmanned Aircraft Systems Services and Management (UAS Services & Management), you will be given the tools and techniques to understand the technology while ensuring the transformation of upcoming challenges into opportunities.

For more information about "Advanced Master" delivered by ENAC, please click [here](#).

Organization

Academic part

- *Introduction (Mandatory)*
- UA6000E - Introduction

MORE INFO

Level : Year 6 higher education – Advanced master

Type of education

- * Full-time
- * Continuing Education

- *Part 1 : Strategy / Market (Mandatory)*
 - EC6000E - Markets for UAVs
 - EC6002E - Strategy
 - EC6016E - Management / Entrepreneurship conferences
- *Part 2 : Regulations (Mandatory)*
 - RG6003E - Regulatory framework
 - RG6004E - Applicable regulations to UAVs
 - RG6005E - Air Traffic Regulation
 - RG6006E - Law
- *Part 3 : Vehicle technical aspects (Mandatory)*
 - UA6002E - Airframe
 - UA6003E - Power plant
 - UA6004E - System architecture
 - UA6005E - Avionics – On board systems
 - UA6006E - Communications
 - UA6008E - Choices optimization
- *Part 4 : Field / Operations (Mandatory)*
 - OP6001E - UAV's missions
 - OP6002E - Flight operations
 - OP6003E - Pilot training – In flight awareness
 - OP6004E - Sensors, software and data processing
 - OP6005E - UAV Modifications and Maintenance
- *Long project (Mandatory)*
 - TX6900E - Long project

- *End of studies project (Mandatory)*
 - TX5900 - End of studies project

Professional insertion

At the end of their training, graduates will be able to perform the following functions:

- For regulatory authorities: Auditor, Supervisor, Expert, Regulatory Officer, Research Manager, within the French or foreign

- For UAV manufacturers: Manager, Project Manager, Business Developer, Project Manager, Engineer, Designer, Test Manager

- For drones operators: Manager, Business Developers, Project Manager, Subsystem Integrator, Operations Manager, Technical Manager, Data Processing Manager, Customer Manager, Development Manager

Organizational unit



ENAC - Ecole nationale de l'aviation civile

Places

Toulouse

Contacts

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