

# / campus ENAIRe



UNIVERSIDAD  
POLITÉCNICA  
DE MADRID

**UAM**  
Universidad Autónoma  
de Madrid

MASTER DEGREE  
AIR NAVIGATION SERVICES MANAGEMENT



**2025/26**  
ACADEMIC YEAR  
**6<sup>TH</sup> EDITION**



## INTRODUCTION

### MASTER DEGREE

### AIR NAVIGATION SERVICES MANAGEMENT

**ENAIRE**, the national air navigation service provider of Spain, in cooperation **with the Polytechnic University, the Autonomous University of Madrid**, and ICAO's Global Aviation Training Division, are offering a unique training programme supported by their experience and solid knowledge of aviation.

The master's degree is **aimed primarily at professionals from air navigation service providers and other aviation organisations** such as airlines, airport operators, authorities, as well as manufacturers, consultancy firms and university graduates interested in air navigation.

**The only university and professional master degree focused on the management** of air navigation services.



## OBJECTIVES

Our commitment is to train the future leaders and managers of air navigation.

The Master's provides candidates with **technical knowledge, strategic vision and analytical and managerial skills** in the current context to acquire a broad understanding of air navigation services and the challenges of the sector.

The programme has been developed following **ICAO TRAINAIR PLUS standards.**



ICAO TRAINAIR PLUS™

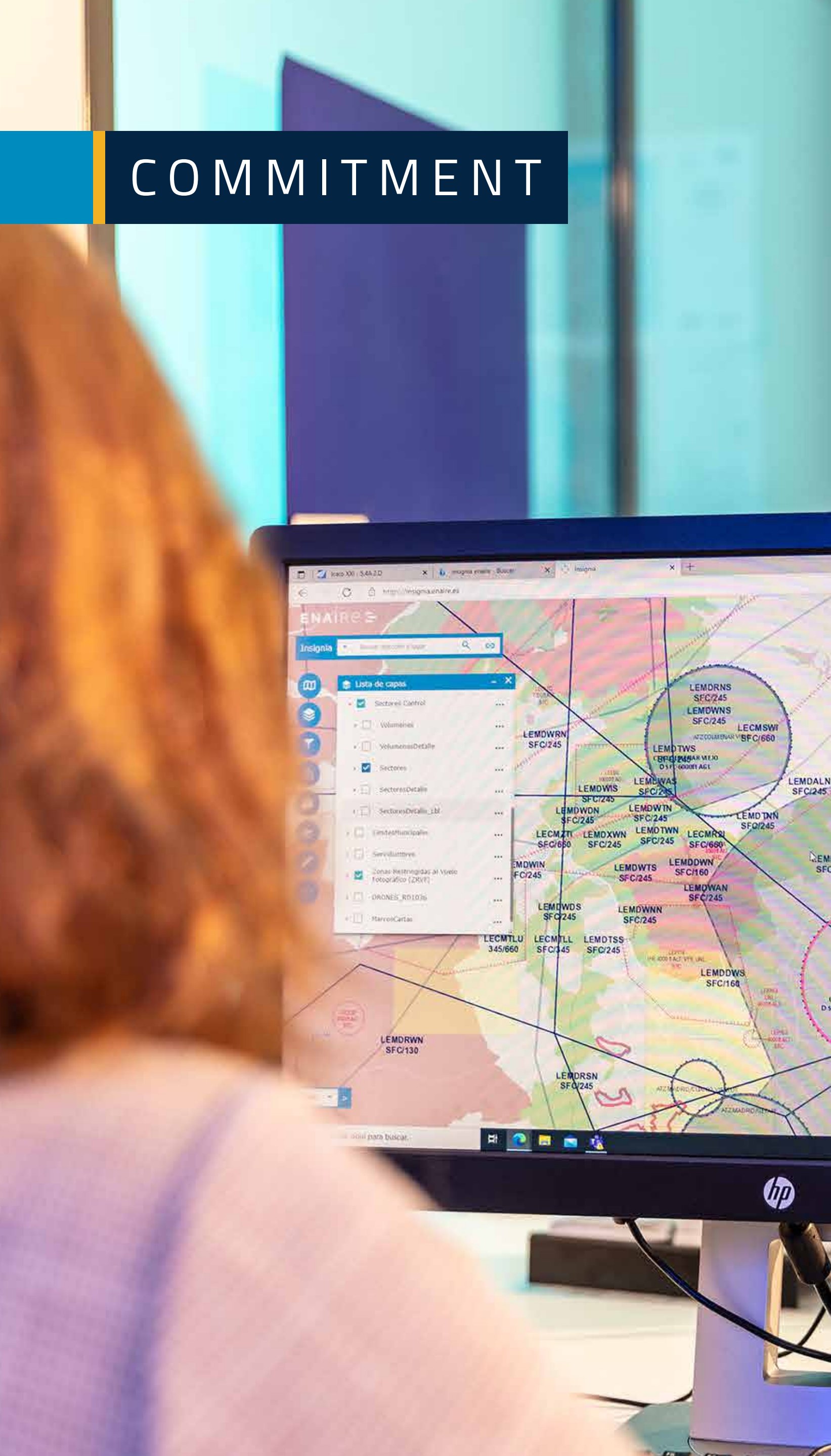




# COMMITMENT

## REASONS TO TAKE THE MASTER DEGREE

- ✚ We offer a pioneering and **unique programme** to develop the necessary management competencies in an air navigation service provider.
- ✚ We promote **business networking** and a complete vision of the sector by sharing experiences among different aviation professionals, as well as through personal exchanges with ENAIRE's executive managers (in face-to-face format only).
- ✚ We provide a clear focus on management through a combination of knowledge transfer and team-led practical cases, aimed at developing **strategical views and decision-making skills**.
- ✚ We develop **critical thinking**, learning to solve problems in a complex environment under constant change.
- ✚ Quality training **delivered by two of Spain's leading universities in aviation**, with the experience of **ENAIRE** as one of the main European air navigation service providers, and supported by the **ICAO TRAINAIR PLUS programme**.



# MASTER'S CONTENT

## ARCHITECTURE

The programme is structured in three modules to complete **60 credits**.

### Module I

#### Fundamentals and service planning

**18 credits**

Fundamentals of air transport	2
Introduction to ANS	3
Legal and institutional framework	1,5
Programmes and plans	3
ANS planning	3
Management systems	2,5
Management skills	3

### Module II

#### Advanced corporate management

**12 credits**

Organisational management	3
Economic management of ANS and transport economics	3
Principles of accounting, investment and finance	3
Human resources planning and management	3

### Module III

#### Advanced technical-operational management

**12 credits**

ATM operations and airspace management	2,5
ANS technical management	2
Aeronautical information management	2
Safety	1,5
Security and cybersecurity	1
Environment	1,5
Human Factors	1,5

#### \*Internship at ENAIRE (Modules II y III)

**12 credits**

#### Master's Thesis

**6 credits**

\*Can be validated if the student is an aviation professional.



### ONLINE / FACE TO FACE

The student can choose to complete the Master's degree either online or in a face-to-face format.

**Face to face:** Taught at the ENAIRE facilities in Madrid (Parque Empresarial Las Mercedes) during weekly evening sessions.

**Online:** students can access the classes remotely through streaming video-conference, or later through an e-learning platform.

Both modes offer online tutorials with the instructors, as well as access to the Master's Classes programme, taught by renowned experts and relevant aviation professionals. These classes are streamed and then uploaded to the learning platform.

The classroom mode includes extra activities related to each module:

- 📌 **Visits to ENAIRE's facilities:** Madrid Control Centre, Madrid Barajas Control Tower, simulators...
- 📌 **Networking initiatives with ENAIRE senior management:** A space to exchange experiences and current challenges in the sector with our leading professionals.



## INTERNATIONAL RECOGNITION

**ENAIRE has been awarded** by the **International Civil Aviation Organization (ICAO)** in recognition of its contribution to the development of aviation professionals worldwide.

**AWARDED IN 2025**







START

## COURSE

Classes start on September 9<sup>th</sup> and end in June (36 weeks).

The master's program concludes in November with the presentation of the thesis.

### Sessions (CET):

└ 60 ECTS are distributed among classes:

**Tuesday and Thursday: 16:00 - 20:30**

└ Occasionally, credits are completed with additional sessions during the academic week.



## REGISTRATION ATTENDANCE



Face to face: 10.000 €

Online: 7.250 €

## FURTHER INFORMATION

✚ E-mail: [MasterNA@enaire.es](mailto:MasterNA@enaire.es)

✚ <https://www.enaire.es>

✚ <https://www.uam.es>

✚ [www.upm.es](http://www.upm.es)

✚ [www.icao.int](http://www.icao.int)

