ADVANCED MASTER
ARTIFICIAL INTELLIGENCE
& BUSINESS TRANSFORMATION
(AM AIBT)

2025

ISAE
Institut Supérieur de l'Aéronautique et de l'Espace
SUPAERO

In partnership with:

IRT SAINT EXUPÉRY

tbs EDUCATION

Excellence with Passion

Professionally-oriented training for professionals and students

Objective

Training engineers and managers capable of leading transformation through AI.

Job prospects

- *Project Manager in Artificial Intelligence and Data Sciences*
- *Head of corporate transformation through data*
- *Head of Data Value creation / Data Evangelist*
- *Senior Data scientist*

Skills

- *Managing large data flows*
- *Using machine/deep learning techniques*
- *Monetizing a product based on AI*

Program flow

An alternating rhythm to acquire operational skills: on average three weeks per month in a professional situation and one week in class on ISAE-SUPAERO or TBS Education campuses in Toulouse area.

September to June

Professionnals

- *Continuation of professional activity with an alternating rhythm*
- *Work-study internship*
- *Fixed-term and open-ended work-study contracts*

Students

- *Work-study internship or contract*
- *Fixed-term and open-ended work-study contracts*

Program

The Advanced Master diploma in Artificial Intelligence & Business Transformation is an ISAE-SUPAERO diploma accredited by the "Conférence des Grandes Ecoles" (French top-engineering and management schools) registered under the number 1193. The RNCP certification prepared by this Advanced Master is currently being renewed.

MS MASTÈRE SPÉCIALISÉ

Training designed with the support of:
AIRBUS, AIRBUS ATLANTIC, AIRBUS PROTECT, CERFACS, COLLINS AEROSPACE, CONTINENTAL, DASSAULT AVIATION, ESI GROUP, GOOGLE, IBM, MBDA, THALES ALENIA SPACE.

Teaching

The training is entirely conducted in English 🇬🇧
- *Links between technique and business*
- *Development of concrete use-cases*
- *Discovery of broad-ranging fields of application*
- *Interactive teaching and practical work (projects)*

Project Management
10%

Project and Program Management:

Agile & waterfall methodologies, scheduling, PMBok, Value Proposition & business model, Pitch.

Digital and systems engineering:

Data governance, Digital Transformation, New ways of working, Cybersecurity and risk management, Model-Based Systems Engineering.

Artificial Intelligence Internals
40%

AI technical skills ramp-up:

Data Integration and Exploration, Big Data Processing, Optimization topics for AI, Machine Learning and Data Analytics, Sequential Decision Making in AI, AI certification, robustness and dependability.

Business Aspects of Artificial Intelligence
25%

Corporate transformation by and for AI:

Introduction to modern AI, The business of data, Data Value Creation, Change management.

Pratical skills
25%

Common thread application project.

Funding

- *France Travail (French employment agency) and/or ForPro Sup (scheme of the Occitanie Region) for job seekers*
- *Employer: skills development plan, Training operating companies (OPCO), etc.*
- *Agefiph, for people with disabilities*
- *Bank loan / Personal financing*
- *Once RNCP certification renewed: apprenticeship, CPF and Projet de Transition Professionnelle funding solutions available*

You are a professional? Discover other needs-oriented training formats

3 Certificates of Advanced Studies

- AI-oriented business model design
- Data integration and processing for value creation
- Development & deployment of efficient AI technologies

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10 Short modules

- AI certification, robustness and dependability
- Big data processing
- Change management
- Data integration and exploration
- Data value creation
- Introduction to modern AI
- Machine learning & data analytics
- Optimization topics for AI
- Sequential decision making in AI
- The business of data

APPLICATION CONDITIONS

ACADEMIC PROFILE

Engineering, IT or mathematics graduates with advanced programming skills and holding:

- Master's degree or equivalent

- or Bachelor's degree and at least 3 years of professional experience

This program can also be accessible through Validation of Personal and Professional experience (VAPP) from 5 years of professional experience in AI/IT field.

ADMISSION PROCEDURE

- Admission calendar and procedure (selection by a jury upon academic and professional records, no interview no exam):

- Educational fees:

REQUIRED LEVEL OF ENGLISH PROFICIENCY

TOEFL (IBT)		TOEIC		IELTS		CAE/ FCE		Linguaskill
88 points	or	785 points	or	6.5 points	or	170 points	or	170 points

DO YOU NEED A PERSONAL ADVICE?

YOU ARE A RECENT GRADUATE

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YOU ARE A PROFESSIONAL

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