



DIGITAL TECHNOLOGY

Master's degree (MSc)

Track DS Data Science and Artificial Intelligence

Our increasingly digitized society is generating vast and diverse data at an unprecedented pace. Making strategic decisions based on insights and patterns extracted from this data has become essential across all sectors—science, politics, business, security, healthcare. Data scientists drive this transformation by blending theoretical, engineering, and domain expertise with data-centric, explainable AI technologies.

ACADEMIC DETAILS

2-year full time program

- > September intake
- > Three semesters of courses and projects
- > Master's thesis in final semester

Comprehensive curriculum

- > In-depth courses & methodology
- > Professional and research projects
- > French language & culture
- > Professional coaching
- > Internship



Internationally recognized degree

- > Master's in Information Technology accredited by the Ministry of Higher Education and Research. No. 20171079

Associated tracks / programs

- > AEIOT – Architecture & Eng. for the IoT
- > CYSEC – Cybersecurity
- > EMB-AI – Embedded AI

M1 - YEAR 1 - Brest campus

- > Maths, CS, ML and DL Fundamentals
- > Applied Statistics
- > Advanced Data Mining
- > Data and Digital Society
- > Time Series Analysis
- > Natural Language Processing & Text Mining
- > Graph Theory and Social Networks
- > Advanced Big Data Architectures
- > Business Intelligence
- > Combinatorial Optimisation
- > Multi-Criteria Decision Aid
- > Data Visualization and Storytelling
- > Project Management for Data Science

M2 - YEAR 2 - Brest campus

- > Advanced Graph Mining
- > Heterogeneous Data & Knowledge Processing
- > Compound Systems using Foundational Models
- > Computer Science Elective Courses
- > Selected Data Science Topics

Courses are subject to change without notice

Fully delivered in English

6-month paid internship in a company or lab

PhD Opportunities



"A high value output in research and innovation"

CAREER OPPORTUNITIES

Data Scientist, Data Analyst, Analytics Manager, Decision Support System Designer, R&D Engineer, Business Analyst, Consulting Expert, Researcher, or Academic.



"Discover a dynamic learning environment in our Data Science program, emphasizing project-based pedagogy to cultivate practical expertise and innovation."

Prof. Cécile Bothorel
Data Science Department
IMT Atlantique

RESEARCH EXPOSURE

The MSc DS offers courses on research methodology, as well as a project-driven introduction to research. These projects are tightly integrated with the research activities carried out within IMT Atlantique in general and its Data Science Department in particular, covering the areas of data science, decision science, artificial intelligence, health, communication, and social sciences. The master's program is thus a gateway to subsequent PhD studies, whether directly at IMT Atlantique or elsewhere.

TUITION FEES AND SCHOLARSHIPS

6,500 Euros / year. Scholarships opportunities for excellent profiles, Alumni from our partner universities, European citizens, etc.



> "Bienvenue en France"
label guarantees the quality of the experience for international students.

IMT ATLANTIQUE

is ranked among the top 3 engineering institutions in France. As a leading Technological University, it is internationally recognized for its excellence in education, research and innovation: Top 400 in the THE World University Ranking, Top 100 in QS ranking for Data Science and AI (2nd in France)

- > On-campus accommodation, restaurants, sports facilities
- > Orientation Days & French Summer School
- > A variety of student clubs

Find out more:

www.imt-atlantique.fr/it

Contact us:

it-apply@imt-atlantique.fr

Apply:

<https://www.imt-atlantique.fr/apply>

