MSc Information technology / track Data science

Intakes

February 2023 intake

M1

Language

Partly taught in English

Tuition fees

5,100 € Euros/year
Scholarships opportunities for: Excellent profiles, Alumni from our partner universities, European citizens...

Campus

Brest and Rennes

The Master of Science in IT - specialization in Data Science lasts 2 years referred to as M1 and M2. This master is accredited by the French Ministry of Higher Education and Research and fully complies with the EHEA system.

KEYWORDS

Data Science / Computer Science / Artificial Intelligence / Business Intelligence / Data Warehouse / Knowledge Discovery / Data, Text, Web and Social Network Mining / Statistical Inference / Knowledge Management / Knowledge-Based Systems / Information Systems / Decision Support Systems / Decision Aiding

LANGUAGE OF TEACHING

The first semester classes are taught in English. Over this period, students acquire sufficient skills in the French language to be able to follow second and subsequent semester lectures together with native speakers. Progressive immersion in the French language and culture, an educational challenge, is one of the special features of the curriculum.

Environnement

In the last few decades, companies have accumulated overwhelming amounts of data, be it textual (reports, emails, phone call transcripts, etc.), numeric (sales figures, meteorological data, etc.) or
binary (images, audio, sensor data, etc.). Using statistical “data mining” methods, one can detect
tendencies, hidden patterns and knowledge nuggets, and use them to make strategic decisions. This
process is of crucial importance in all sectors of activity, and in particular for business, science,
politics, security, healthcare, etc.

Course aims

This MSc program is aimed at future experts in the design of high-performance support systems for
data mining, knowledge extraction and decision aiding.
This Masters program also offers a gateway to PhD studies.

Competencies acquired

Thanks to IMT Atlantique's expertise in postgraduate education and research, high-level competencies
are acquired not only in technical/scientific fields but also in team working, written and oral
communication, innovation and project management.
Last but not least, French language is also one of the competencies acquired, beneficial for working in
France and other French-speaking countries or for French companies abroad.

Academic in charge

Prof. Yannis Haralambous

Documents

MSc IT/DS

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