



Master MIAGE

Master of Information Technology
Innovative Information Systems (2IS)



Formation **Initiale**

Formation **Continue**

2IS is a **MIAGE** Master program (Méthodes Informatiques Appliquées à la Gestion des Entreprises), which is **the reference Master in France for Information Technology**. **MIAGE** programs are offered by more than 20 universities. All **MIAGE** graduate students have a **unique combination of technical and business skills, guaranteeing a very high employability**. Typical jobs include business analyst, management and IT consultant, and software entrepreneur.

The 2IS Master program is designed for Bachelor students in IT aiming at expanding their **knowledge on innovative information technologies**. Innovative information technologies **reinvent and transform businesses**; Artificial Intelligence, Big Data and Web Services Orchestration drastically impact end-users since **automation is at the heart of business processes**.

2IS is organised by researchers of **IRIT** (Institut de Recherche en Informatique de Toulouse), one of the **major computer science institutes in France**. The university campus is conveniently **located in the city center**.

More details



About Lessons

2IS proposes a **unique and broad perspective on innovation** in a 2-year program :

- **Innovative software solutions** such as advanced programming, IoT, self service business intelligence, machine learning and distributed databases.
- **Innovative software development methods** such as agile management and collaborative design.
- **Innovation and entrepreneurship in strategy and management.**

At the Faculty of Information Technologies of University of Toulouse Capitole, we promote **innovative teaching methods** : capstone projects, flipped classrooms and serious games. We go beyond teaching hard skills, proposing training on soft skills like **teamwork and communication skills**



Main courses and structure

Year 1 (60 ECTS) : Business Intelligence, Project Management, Data analytics, Advanced Programming, Software Analysis and Design, Business Process Management, Web Services, Artificial intelligence, Entrepreneurship.

Year 2 (60 ECTS) : Innovation, Innovative Software Methods, Business Strategy and IT Innovation, Innovative Data Management, Internet of Things and Web Development, Sustainable Information Systems, Collective Intelligence, Cybersecurity, UX, 5-month internship

How to apply



- **Applications** to be submitted via Campus France or University website, all details available on the 2IS *webpage*.
- **Main documents** CV, grade transcripts, cover letter, evidence of English proficiency (CEF level B2 is required).

Studying in Toulouse



Toul'Box and Welcome Desk for an easy arrival in Toulouse :

<https://toulbox.univ-toulouse.fr/en/>

<http://en.univ-toulouse.fr/welcome-desk>

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