

Université Toulouse 1 Capitole



Master of Information Technology Innovative Information Systems—ZIS

The **ZIS** Master program is designed for Bachelor students in IT aiming to expand 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 as automation is at the heart of business processes.

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

- Innovative software solutions such as advanced programming, 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 1 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 classes.

Main Courses and Structure

Year 1 - First Term (30 ECTS): Fundamentals Business Intelligence, Project Management, Data Science, Advanced Programming,

Year 1 - Second Term (30 ECTS): From fundamentals to innovation Business Processes, Automation, Computational intelligence, Entrepreneurship

Year 2 - Third Term (30 ECTS): Innovation Innovative Software Methods, Business Strategy and IT Innovation, Innovative Data Management, Collective Intelligence

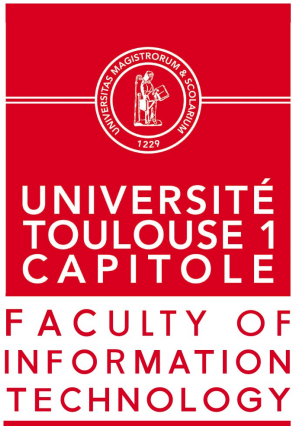
Year 2 - Fourth Term (30 ECTS): Innovation in action
5-month internship

Université Toulouse 1 Capitole
Faculté d'Informatique

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Master of Information Technology Innovative Information Systems—2IS

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 run by more than 20 universities.

All MIAGE graduate students have a unique combination of technical and business skills, guaranteeing a **high employability** in the software or consulting sector.

2IS is organised by researchers of **IRIT** (Institut de Recherche en Informatique de Toulouse), one of the most prestigious computer science institute in France.

The university campus is conveniently located in the **city center**,

Teaching language

English for all courses

Required Bachelor in
Information Technology

Studying in Toulouse

Tuition fee Around 600€ per academic year including social security

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

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

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

Living costs around 500-600€ per month

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How to apply

Application Form available at <http://miage.ut-capitole.fr> in February

Main documents CV, grade transcripts, cover letter, evidence of English proficiency (CEF level B2 is required)

Submission Email application, with deadline in March for non-European students (via Campus France) and in May for European ones.