Master of Information Technology
Innovative Information Systems—2IS

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 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 I 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 I Capitole

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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.

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.

Teaching language
English for all courses

Required Bachelor in Information Technology

Studying in Toulouse

Tuition fees around 600€ per academic year including health insurance

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

How to apply

International students: deadline on 30 April
Students holding French degrees: deadline on 1st June

Applications to be submitted via Campus France or University web site, all details available on the 2IS webpage: http://miage.ut-capitole.fr/2is

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