Informatics and Information Systems

Computer sciences and applications, serving Mankind.

Introduction

UTT's ISI (Informatics and Information Systems) training program offers courses from different disciplines (Computer Science, Informatics, Management, Humanities and Social Sciences) in order to train professionals able to accompany organizations in the design of new systems, products or services. Students graduating in ISI master the analytic posture needed to identify and anal

UTT-ISI offers 3 specialties

- **Valorization of data and knowledge** (VDC): develops the skills that allow to move from raw data to actionable information while developing a critical thinking skills at the techniques used;
- **Innovation through Software Design** (ISD): trains students to the design and implementation of software projects in teams, from proof of concept to the industrialization of software production;
- **Supporting the Digital Transformation** (SDT) treats the Information System as a tool for transformation, how it can add value to most of the organization's activities though automation, coordination, and visualization.

Numerous professional opportunities

- Digital Transformation Consultant
- Information System Consultant
- Business Intelligence Consultant;
- Chief Digital Officer
- Project Owner
- Software QA engineer
- Software Project Leader

and a variety of sectors

- EDP Service and engineering companies (SSII)
- Software engineering and edition
- Industries: aeronautics, automobile, defence, health...
- Banks and Financial services
- Innovating start-ups and young companies

Audience

Prerequisites for enrolment

- Bac
- Bac +1
- Bac +2

Internship(s)

Yes, Compulsory

Rhythm

- Full time
- With blocked release periods
  - Professionalization Contract

Information

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Stakes



The UTT is authorised by the CTI to deliver the engineering degree.

More information here

What's next ?

Level of education obtained after completion

Level of education obtained after completion

- Bac +5

Further studies

- Phd studies

Program

Generic courses

- Analysis of organizations and their needs
- Business Process Modeling
- Information systems architecture
- Analysis and management of data and knowledge
- Security of information systems
- Interaction design and human-machine interface design
- Service-Centered Design
- Iterative design methods
- Software project management