



Mastère de Recherche

Enterprise Systems Engineering

Description of the MSc ESE

The main objectives behind MSC.ESE project are:

- Creating 5-6 courses and updating 6-8 available ones in conformance to ECTS and Bologna Process
- Incorporating ICT through a Web-based E-learning, course management and admission system
- Applying new teaching methods based on comprehension rather than memorization, and obtain case studies from real industrial problems in Jordan, Syria, Tunisia, and Egypt
- Exploring the possibility for this program's graduates to continue their studies at EU universities based on performance and availability
- Provision of six ESE labs in the targeted universities equipped with advanced software and E-Learning tools
- Organization of an ESE concluding scientific conference on an international level
- Re/training for the new curriculum, e-Learning and teaching methods.

The + of the MSc ESE

The program is common between ISG Tunis and ISIM Sfax. It is developed in the context of the TE PUS project "Exporting Master program in Enterprise Systems Engineering"
530260-TEMPUS-1-2012-1-DE-TEMPU -JPCR

Target Public

Bachelor's Degree in « Business Computing » or equivalent Degree

Prerequisites

- Introduction to Computer Science Course
- Programming Language Course
- Database System Course
- Information system analysis skills
- Computer/Web programming skills
- Learning materials guides

Openings

- Possibility of pursuing a doctorate in Business computer science
- Jobs:
 - Management Experts: Project manager, Team Manager, Strategic Manager.
 - Experts in information systems : CRM, ERP and urbanization

Teaching Units

Semester I	Semester II	Semester III	Semester IV
<ul style="list-style-type: none"> - Enterprise System Architecture - Cloud Computing and big data - Human Computer Interactions / Social Media - Advanced Applied Mathematics - Computer Networks - Enterprise mobile computing 	<ul style="list-style-type: none"> - E-Business - Integrated Application systems - Enterprise Business Intelligence - Interoperability systems - Customer Relationship Management (CRM) - SCM/Logistic 	<ul style="list-style-type: none"> - Testing/quality management - Research Methodologies - People Management - Enterprise strategic Management - IT project management - Final thesis (introduction) 	<p>Master Thesis</p>

Partnership

- Université de sfax
- Foreign universities partners

Alumni

Oussama FERCHICHI	Support City Bank
Yoldoz GAALLOOL	SopraHR
Bayrem KNAISSI	SopraHR

Head of the MSc ESE

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