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| **Identity card of the specialty:Academic license:** **Information Systems (IS)** |

**Level:**Licence,

**Domain:**Mathematics and computer science

**Sector:**Computer science

**Speciality:**Computer science

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| **1- Location of the training:** |

**Faculty (or Institute)**: exact sciences

**Department**: mathematics and computer science

References of the authorization decree of the diploma to be prepared: Order No. 561 of 05/08/2015

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| **2- External partners:** |

**Companies and other socio-economic partners**: Company names

**International partners**: name of international partners

**Other partner establishments**: names of other companies, organisations, etc.

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| **3- General organization of the training: position of the project** |

**Common base of the field: MI (1st year) + L2 IT > L3 SI**

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| **4- Context of the training:** |

The content of this training is centered on the basic foundations for the development of computer systems, such as software engineering and programming paradigms, which allows the holder to acquire the skills necessary for the analysis and development of computer software. .

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| **5- Objectives of the training:** |

Students graduating from the “Computer Systems” specialty of the university will have acquired basic knowledge in software engineering in particular and will have become aware of both hardware and software problems for the development of computer systems.

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| **6- Profiles and skills targeted:** |

* Acquire skills and high-level skills in architecture, design and management of computer systems.
* Train generalists (analysts) who will know how to invent, integrate and assemble technologies to build enterprise IT systems where software is predominant, meeting the business and scientific needs of companies in all industrial and economic sectors (space, air transport, rail and roads, energy, banking and insurance, software publisher, etc.).

Thus, the objective of the specialty is to train specialists in computer systems capable of understanding medium and large business projects.

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| **7- Local, regional and national employability potential:** |

The areas of application to which our graduates can claim are those of:

1. Activity area :
   * Industry
   * Training
   * Technical sales
   * Design offices
2. Job :
   * Research and development
   * Education
   * Design offices