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| **Identity card of the specialty**::**Academic license:**math |

**Level:**Licence,

**Domain:**Mathematics and computer science

**Sector:**math

**Speciality:**math

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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 + L3 Mathematics**

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| **4- Context of the training:** |
| The content of this training is centered on the basic foundations of mathematics such as mathematical analysis and algebra, which allows the holder to integrate in the future into any specialty that it deems appropriate for him. |
| **5- Objectives of the training:**  The objective of this License in Mathematics is to ensure a solid, as complete as possible and progressive training in general Mathematics, which will allow the student by the choice of options to adapt his course to his professional project. On the other hand, this training will allow students to acquire fundamental knowledge and skills that can be reinvested in different fields of application. |
| **6- Profiles and skills targeted:** |

The skills or abilities related to this License in Mathematics are summarized as follows:

* Know and master high-level mathematics to address contemporary research problems.
* Management and problem solving in the various fields related to Mathematics.
* Know how to model various situations in physics, mechanics, chemistry, biology, economics, and have the mathematical skills necessary to analyze these situations.
* Use the main scientific computing software.
* Design and program calculation algorithms

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| **7- Local, regional and national employability potential:** |
| Mastering high-level mathematics to have the perspective necessary to teach in the middle cycles and in high schools at the national level |