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| **Identity card of the specialty:Academic Master: Mathematical Analysis** |

**Level:**Master

**Domain:**Mathematics and Computer Science**Sector:**Math

**Speciality:**Mathematical Analysis

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

**Faculty (or Institute)**: Faculty of Exact Sciences

**Department**: Department of Mathematics and Computer Science

References of the authorization decree of the diploma to be prepared:Order n°1032 of 09/08/2016

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| **2- External partners:** |

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

**International partners**:

**Other partner establishments**:

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

Mathematics and Computer Science

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

Hold an academic Mathematics license or equivalent title.

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

ThisMaster offers a general basic training in the fundamental fields. The acquisition of these bases of higher mathematics is necessary to prepare aPhD in Mathematics and for teaching and research. So the objective of this master is to enable students with an LMD-type license or an equivalent title, to become executives or researchers specializing in the modeling and simulation of social, economic, physical and environmental phenomena. At the end of their training, they will have a level equivalent to that of a current engineer and can be hired in a research and development sector..

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

Currently, companies and training and scientific research establishments aim to recruit competent and specialized executives to face increasingly tough competition. This master offers a solid and complete training on the analysis of differential equations and partial differential equations, to train managers and competent researchers in this field.

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

The graduate of this master can integrate into a team of a research laboratory, a national training institute, a higher normal school or a university. He can also enroll in a doctorate in mathematics type LMD.