|  |
| --- |
| **Identity card of the specialty: Academic License: Fundamental Physics** |

**Level:**Licence

**Domain:**Science of matter

**Sector:**Physical

**Speciality:**Fundamental physics

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

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

**Department**Science of matter

References of the decree authorizing the diploma to be prepared: Decree n°971 of 08/09/2016

|  |
| --- |
| **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.

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

Common base of the field: SM (1st year) + L2 Physics > L3 Fundamental Physics

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

This license is generalist. It is part of an essentially basic academic training program and progressive preparation of students to tackle research topics in the field of fundamental physics..

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

The choice of the implementation of the type of this license obeys the requirements of the teachers of our department of sciences of the matter who noted the insufficiencies at the level of curricula of previously installed licenses. Indeed and following the consultations undertaken by the head of the domain with his teaching team, it was decided to introduce a new specialty which relates to: fundamental physics. The objective sought is to allow the student to have a solid base in physics in order to progress towards the authorized masters at the level of the TAHRI Mohammed University of Béchar. Given its diversity, this training provides students with essential notions of physics as well as the means of experimentation. However, it should be noted that the course developed will be effective in two semesters S5 and S6

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

This training is useful for students because it will allow them to acquire certain advantages, among others: - Obtaining a bachelor's degree. - Continuation of post-graduation studies. - Guaranteed professional integration (basic or secondary education). - Possibility of starting research.

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

Graduates of this specialty will have the opportunity to properly master the computer tool and have the basic elements to be able to carry out scientific research and their development of applications. They will also be able to directly join research centers, Research & Development laboratories of Economic Enterprises