|  |
| --- |
| **Identity card of the specialty**: Academic Masters |

**Level:**Academic Masters

**Domain:**Science and Technology

**Sector:**Hydraulic

**Speciality:**Urban Hydraulics

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

**Faculty**:TECHNOLOGY.

**Department**: Civil and Hydraulic Engineering

References of the enabling order: Order No. 1201 of08/09/2016

|  |
| --- |
| **2- External partners:** |

**Companies and other socio-economic partners**: Direction of water resources of the wilaya of Béchar, company "Saoura-Ciment Béchar, public works laboratory Béchar unit, intensive language teaching center CEIL, SONATRACH, the Algerian water company ADE, Brenco Engineering & Consulting Services EURL

**International partners**: IMT Atlantique Bretagne-pays de la Loire,

**Other partner establishments**: DGRSDT, University of Oran University 2 Mohamed benhmed, University of science and technology of Oran Mohamed Boudiaf, University constontine3, University sahli Ahmed of Naama, National Polytechnic School of Oran Maurice Audin, University Mohamed khider-Biskra , Abou Bakre Belkaid Tlemcen University, Djilali Liabes University of SIDI-BEL-ABBES, Belhadj Bouchaib University of Ain-Temouchent

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

Common foundation of the domain

**Common foundation of the domain:**

**Science and Technology**

**Sector: Hydraulic**

**Sector: Civil Engineering**

**Speciality:**

**-Urban hydraulics**

*Other Specialties approved in the sector group in your establishment***:**

**-**

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

The Algerian strategy for implementing the sanitation policy is based on four main priorities:

(i) preservation of water resources;

(ii) flood control;

(iii) reduction of water-borne diseases;

(vi) depollution of the coastline.

In this context, the training of executives in urban hydraulics makes it possible to achieve the objectives of this strategy.

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

The objective is to train specialists who can take charge of the studies, the control, and the follow-up of the realization of the hydraulic works, namely: the mobilization of water, collection, adduction, treatment, distribution, sanitation, protection against floods and wastewater treatment.

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

The Master in Urban Hydraulics aims to train specialists in the field of urban hydraulics, namely in the supply of drinking water, water treatment, collection and sanitation of wastewater and rainwater and finally the exploitation and wastewater treatment for the private, public and research sectors.

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

Graduates in urban hydraulics work in the following sectors: Sanitary engineering, Hydraulic works engineering, hydrology, water supply and transfer and environmental protection, Design offices, public companies and in local communities.