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| **Identity card of the specialty: Town planning** |

**Level : Master**

**Domain :**Architecture, Urban Planning and City Professions (AUMV)

**Sector :**Town planning

**Speciality :**Town planning

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

**Faculty**: Technology (University of Béchar)

**Department**: Architecture and urbanism

**References of the authorization decree of the diploma to be prepared:**Under submission.

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| **2- External partners:** |

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

#### Salah Boubnider Constantine 3 University

#### Polytechnic School of Architecture and Urban Planning EPAU Algiers

#### University of Science and Technology of Oran USTO

**International partners**:

Algerian-Italian cooperation in the field of scientific research and technological development Application for a joint research grant within the framework of the bilateral Algerian-Italian research partnership program agreement

Project titled: The new technology in the service of restoration of the ksour of Algeria.

**Other partner establishments**:

* + - Directorate of Architecture, Urban Planning and Construction DAUC of Béchar
    - Housing Department DL Béchar
    - Directorate of Public Facilities of Béchar
    - Direction of Transport of Béchar
    - Direction of hydraulics of Béchar
    - Direction of the domains of Béchar
    - Béchar Land Registry Office
    - Béchar Public Works Department
    - Land agency of the municipality of Béchar
    - Local authorities of the wilaya
    - The URBAT Study Office (Centre for Studies & Achievements in Urbanism of Béchar)
    - The URBAB Design Office (Center for Studies & Achievements in Urbanism of Blida)
    - Private BET specialized in urban studies
    - AADL Bechar.

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

**Common foundation of the domain: AUMV**

**Sector: Urban planning**

**Specialty subject to harmonization:**

**Master: Urbanism**

**Other Specialties in the sector concerned by the harmonization**

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

This training is part of the reform of higher education consisting of establishing a better pedagogical organization based on an adaptation of studies to the realities of professional life, to the changing needs of the national and regional socio-economic context and to the continuous evolution of techniques and technologies.

In the practical field on the contemporary Algerian city, it is necessary to observe an increasingly complex phenomenon of urbanization with a dichotomy between the conditions in which urban studies are exercised in terms of means, deadlines, governance, and the scale of the challenges they must respond to. This fact has led to a dynamic of very clear differentiation in the dimensions and types of urbanization, construction methods and trades involved.

A very general situation which requires, for its remediation, a contribution from multidisciplinary teams which, in reality, attest to a lack of specialists trained in town planning where, out of all the towns in the country, few town planners are listed; which reflects the mediocre quality of the manufacturing of cities, reflecting negatively on the quality of life of urban populations.

In this regard, the experience of the various regions of the country in terms of urban production immediately merits this training for the learning of specific conceptual solutions in relation to the environments and climates of the different environments. In this respect, the south-west region presents an urban planning and development problem worthy of being taken care of for what it offers as specific environmental opportunities:

* + Existence of potentialities in the field of considerable built, landscape and cultural heritage.
  + Abundant natural resources in terms of renewable energy (sun, wind, water, etc.)
  + The importance of the geostrategic situation of the region, crossroads and gateway to the Sahara.
  + Presence of crafts and ancestral local knowledge in heritage
  + Opportunity in terms of projects with a Saharan vocation.

In this context, the University of Béchar, having long covered the formation of this geographical constituency in terms of architecture, is preparing to exploit its internal strengths and its experiences to offer its lessons in the field of urban planning and development. .

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

As a continuation of the bachelor's degree in Urban Planning, this master's training offerwill allow the acquisition of the necessary and sufficient knowledge to train town planners exercising this profession according to the rules of the art.

This training has the following objectives:

• Discuss the different issues of the city

• Update reflection on the city and its analysis tools

• Provide the keys to current and future urban changes

• Mastering the levers of urban planning and management

• Apprehend the city in a larger territory and in a global context

• VSUnderstand today's city in its complexity and its changes at different temporal and spatial scales.

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

The aims of the master's degree in urban planning aim to strengthen the dual vocation of university training, the possible post-graduate career capable of accrediting students for a career as university teachers/researchers and also professional training in line with the current and future needs of the national economic market. Therefore, the master's degree in urban planning offers:

* Theoretical training in the field of planning and urban planning
* multidisciplinary training (geography, economics, sociology, history, law, etc.);
* and training in planning practices.

At the end of this training, the graduating student, master urban planning is supposed to:

* Master related concepts to town planning, urban planning and regional planning;
* Arguing, diagnosing, appraising and criticizing all urban realities;
* Design a program and a project in urban planning, which beyond the conventional graphic support, is reinforced by a mastery of various tools in digital sciences (software, adapted infographic tools, etc.).

Also concerning the profile and skills targeted by this training, it is necessary to rely on the new TAWDJIH digital platform updating the national reference system for professions, in particular that of the urban planning sector.

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

The information concerning the employability rates of master's graduates in urban planning is not yet evident. constitute a critical scientific mass, optimizing the future orientations of the training in question.