

University of Oum El Bouaghi

Faculty of Earth Sciences and Architecture

Department of Geography and Territorial Planning

Program name: Master in Urban Planning

- **Level: Master.**
- **Domain: Earth and Universe Sciences**
- **Field: Geography and Territorial Planning**
- **Specialty: Urban Planning.**

1. Program Description:

The Master 'Urban Development' program focuses on how urban planning adapts to urban dynamics and how different stakeholders work together to create a shared vision for urban development. Students will learn how to use planning techniques to: 1) assess the socio-spatial dynamics of cities, the role of stakeholders, and policies and plans; 2) facilitate the negotiation planning process among multiple stakeholders; and 3) develop planning strategies.

In the second year, students will focus on specific urban issues and undertake a process of initialization and suggestions based on real interactions with stakeholders .

2. Entry Requirements

Bachelor's degree in Geography and Territorial Planning is required for admission to the Master of Urban Development program.

3. Program Units and modules

Semester 1

Teaching Units

Fundamental Teaching Unit: Project Planning and Implementation

Module 1: Workshop 1 Urban Development Project Design I

Module 2: Urban Planning Practice

Module 3: Urbanization and Urban Development: Historical Development

Methodological Teaching Unit: GIS, Different Methods and Networks

Module 1: GIS 1

Module 2: Urban infrastructure

Exploratory Teaching Unit: Geotechnic of the Site

Module 1: Topography

Module 2: Geotechnic of site and planning

Horizontal Teaching Unit: Language

Module 1: Foreign Language (French)

Semester 2

Teaching Units

Fundamental Teaching Unit: Designing Urban Planning and Planning Tools

Module 1: Workshop 2 Urban Development Project Design II

Module 2: Urban planning and planning tools

Module 3: The Economy of Urban Planning

Methodological Teaching Unit: GIS and Statistics

Module 1: GIS 2

Module 2: Statistics applicable to urban planning

Exploratory Teaching Unit

Module 1: Urban environment and sustainable development

Horizontal Teaching Unit

Module 1: Foreign Language (English)

Module 2: Field trip or internship

Semester 3

Teaching Units

Fundamental Teaching Unit: Public Spaces and Mobility

Module 1: Workshop 3: Public Space Design

Module 2: Mobility and Urban Transport

Module 3: Urban legislation

Methodological Teaching Unit: Urban Services

Module 1: Urban Green Spaces

Module 2: Equipment and Services

Exploratory Teaching Unit: Urban Challenges and Management

Module 1: Project Management

Module 2: Land planning, Urban Risks and Challenges

Horizontal Teaching Unit

Module 1: Research Methodology

Semester 4

Personal work: Delivery of a final thesis on an optional and compulsory theme according to the fundamental teachings.

Module1: Internship in an Institution

Module 2: Seminars