

University of Oum El Bouaghi

Faculty of Earth and universe sciences

Department of Geography and land use planning

Program name: Bachelor's degree in Land use planning

- **Level:** Bachelor.
- **Domain:** Earth and universe sciences
- **Field:** Geography and land use planning
- **Specialty:** Land use planning

1. Program Description:

The importance of specializing in geography and preparing the region is evident in the fact that it is a regulatory process for the geographical human and economic aspects at the regional level. It also develops plans and strategies commensurate with the natural conditions, human and economic resources, and works to achieve equal opportunities for each region and restore balance between the different regions within the country

Training in this specialization depends on several theoretical and applied standards, and what distinguishes it is the multiplicity of sciences and the use of modern technologies in

the study of regions, such as satellite images and geographic information systems.

2. Entry Requirements

Registration in this major requires a scientific or technical mathematical baccalaureate at a rate of 10 or more.

3. Program Units and modules

Semester 1 :

- Analysis of the geographical space and regional planning 1
- General geology
- Cartographic techniques
- Biology
- Chemistry
- Mathematics 1: Mathematical Analysis
- Physics 1
- Computer science 1
- French language 1

Semester 2 :

- Analysis of the geographical space and regional planning 2
- Town planning
- Geomorphology
- Mathematics 2 Statistics
- Physics 2
- Introduction to geomatics
- Computer science 2

- Foreign language

Semester 3

- Hydrology
- Bioclimatology
- Cities and regions
- Demographic analysis
- Remote sensing
- Introduction to Geographic Information Systems
- Analysis of cartographic documents
- Economics
- Language 3

Semester 4 :

- Algeria: Space and society
- Water and development
- Physical environments
- Rural environment
- Urban environments
- Survey techniques
- An onsite training
- Sociology
- Ethics and deontology
- Foreign language

Semester 5:

- Techniques and practices of landscaping
- Spatial planning policies

- Networks and territory
- Mobility and transport
- Workshop
- GIS applications
- Facilities and services
- Foreign language

Semester 6 :

- Governance and local development
- Activities and organization of space
- Territorial risks and vulnerability
- Environment
- Research methods
- An onsite training
- Territories and globalization