



Faculty of Exact Sciences, **Natural and Life Sciences**











in Doctoral Studies

- **Analytical Chemistry Pharmaceutical chemistry**
- **Materials Physics Fundamental Physics**
- **Materials Chemistry**
- **Pharmaceutical chemistry**
- **Materials Physics**
- **Condensed matter physics**
- **Energy physics and renewable** energy
- **Photonic physics**
- Thin layer physics
- Renewable energy physics
 - **Materials Chemistry**
- **Computational and pharmaceutical** chemistry
- **Inorganic chemistry**

Biology and Vegetable Physiology

- **Biology and Animal Physiology**
- Microbiology
- **Biochemistry**



- **Biotechnology**
- **Parasitology**
- **Applied Microbiology**
- **Applied Biochemistry**

Computing systems



- Information system, optimization and decision
- **Artificial Intelligence**
- **Images and Artificial Life**
- **Networks and Information and Communication Technologies**
- Software engineering and distributed systems

- **Images and Artificial Life**
- **Artificial intelligence and** software engineering
- **Network and distributed** systems

Mathematics



Applied Mathematics

- **Non-parametric statistics**
- **Probability, and differential** equations stochastic
- **Analysis and digital methods**

Soil and water **Agronomy**

- **Animal production**
- Soil and water (National recruitment stream)
- **Vegetable production**
- **♦ Phoeniciculture and date valorization** techniques
- **♦** Agricultural and agri-food development
- Animal production and nutrition
- Plant protection
- Hydro pedology
- **♦ Vegetable production**

- **Animal production**
- **Vegetable production**
- Hydro pedology
- Plant protection





Urbanism and City Management





Faculty of Sciences and Technology



Specialty in licenses,

in masters

12 in Doctoral Studies











Civil engineering

Public works

Hydraulic

Hydraulic (National recruitment stream)

Geotechnical

Materials in civil engineering

Roads and civil engineering works

Urban Hydraulics

Hydraulic engineering structures

Water Resources

Construction materials

Urban Hydraulics

Water and Environment Sciences

Hydraulic engineering structures

Architecture

Architecture and Environment

Urban and Architectural Heritage in the Sahara

Urban project

Urban project

Architecture and Environment

Urban and Architectural Heritage in the Sahara

Renewable energies

Electrotechnical

Electromechanics

Electronic

Telecommunications

Automatic

Electric Machines

Electrical Networks

Electric control

Electromechanics

Electronics of embedded systems

Microelectronics

Networks and telecommunications

Automatic and computing industrial

Automatic and Systems

Automatic and computing industrial

Automatic and Systems

Biometrics and Telesurveillances

Microelectronics and Micro embedded systems

Multidimensional Analysis and Machine Learning for Imageries

Mechanical construction

Energy engineering

Engineering materials

Climate Engineering

Metallurgy

Mechanical construction

Energetic

Engineering materials

Climate Engineering

Metallurgical Engineering

Process Engineering



Chemical engineering

Environmental process engineering





Faculty of Arts and Languages













- **Arabic Literature**
- **Criticism and Literary Studies**
 - **Linguistic Studies**



- **Ancient Arabic literature**
- **Modern and contemporary Arabic literature**
- **Modern and contemporary** criticism
- **Arabic linguistics**
- **Applied linguistics**

- **Arabic linquistics**
- **Applied linguistics**
- **Ancient Arabic literature**
- **Modern and contemporary Arabic literature**
- **Modern and contemporary** criticism



- French language
- **English language**



- **Literature and civilization**
- **Language Science (French)**
- Literature and civilization
- **Language Science (English)**



- **Cultural studies(Anglais)**
- **Applied linguistics (Anglais)**

Institute of Science and Technology of Physical and Sports Activities



- Specialty in licenses.
- **03** in masters
- 03 in Doctoral Studies



Students







Education and motricity

Physical and School Sports Activities

Sports training competitive

Elite Sports Training

Management of Sports Infrastructures and Human Resources



Management of Sports Infrastructures and Human Resources



Faculty of Human and Social Sciences

1 > Specialty in licenses.











in masters

- **General anthropology**
- **Psychology of work and** organization
- Clinical Psychology
- School Psychology
- Advice and orientation
- Psychology of education
- Sociology
- **General Philosophy**

General History

Documentation

Communication

Information

Information Technology and

- **Social and Cultural Anthropology**
- Psychology of work and organization
- **Clinical Psychology**
- **Psychology of education**
- **Sociology of Administration** and Work
- The hermeneutics in contemporary Western thinking
- History and civilization of

the Islamic Maghreb

- **Contemporary history**
- **Information Technology and Documentation**
- **Communication and Public** Relations
- **Radio and television**

- **Psychology of work and** organization
- **Clinical Psychology**
- **School Psychology**
- **School Advice and** orientation
 - **Psychology of Education**
 - **Sociology of Administration** and Work
 - **Sociologyof Education**
- **Psychologyof Administration** and Work
- **History and civilization of** the Islamic Maghreb
- **History of contemporary** Maghreb
- **Contemporary history**
- **Communication and Public Relations**
- **Radio and television**
- **Written press**

Faculty of Law and Political Sciences



06 in masters

13 in Doctoral Studies











Strategy and international

Regional Studies in

International relationships

Political and administrative organization

Comparative political system and governance

Public Policy and Local Government

Personal status law

Business Law

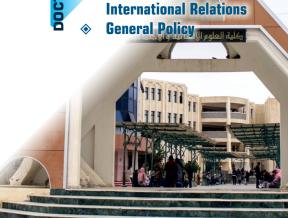


Private law Public Law





Family law



relations



