

## DOMAIN: MATHEMATICS AND COMPUTER SCIENCE (C00)

COMPUTER SCIENCE (C01LAL01) MATHEMATICS (C02LAL01)

**Domain Introduction** 

**Domain:** Mathematics and Computer **Language of Teaching:** French/English

The academic program in Mathematics and Computer Science aims to provide students with a strong scientific foundation, reinforced by practical training and scientific experience in the fields of mathematics and computer science.

### **Pedagogical Admission Requirements:**

Admission is based on the average score obtained in the Baccalaureate exam, taking into account the following priority Baccalaureate streams:

- First Priority: Mathematics
- Second Priority:
  - Technical Mathematics

- Experimental Sciences Admission also considers the overall average score achieved in the Baccalaureate exam, in addition to the general preferences expressed by the Baccalaureate certificate holder, the absorption capacity of the higher education and training institution, and geographical zones.

## PEDAGOGICAL INFRASTRUCTURE

To foster a modern learning environment, the following facilities are provided:

- 01 Lecture Hall
- 06 Classrooms and Tutorial Rooms
- 04 Practical Work Labs
- 02 Computer Labs
- 01 Library

## DEGREES

#### **Mathematics:**

- Bachelor's in Mathematics
- Master's in Applied Mathematics

#### **Computer Science:**

- Bachelor's in Information Systems
- Master's in Web and Artificial Intelligence
- Master's in Software Engineering

## **ACADEMIC STAFF**

The university has highly qualified staff to ensure quality education and research.

## **1 COMPUTER SCIENCE** DEPARTMENT

- 4 Full Professors
- 9 Associate Professors (A)
- 11 Associate Professors (B)
- 8 Assistant Professors (A)
- 6 Assistant Professors (B)

**Total**: 38

## 2 MATHEMATICS DEPARTMENT

- 5 Full Professors
- 9 Associate Professors (A)
- 8 Associate Professors (B)
- 6 Assistant Professors (A)
- 11 Assistant Professors (B) **Total:** 39

# **RESEARCH LABORATORY**

To support scientific and technological advancement, the university established a lab in 2012:

- Laboratory of Computer Science and Mathematics (**LiM**)

## POSTGRADUATE STUDIES

The departments offer doctoral programs in Mathematics and Computer Science (LMD System).

## DOCTORAL PROGRAM OFFERS

- 2017/2018: 6 positions in Mathematics
- 2020/2021: 9 positions in Mathematics
- 2021/2022: 3 positions in Artificial Intelligence
- 2022/2023: 6 positions in AI and Network Security
- 2024/2025: 12 positions in AI, 16 in Mathematics and Applied Mathematics

## **INTERNSHIP INSTITUTIONS**

- Educational Institutions (Primary, Middle, Secondary)
- Public and Private Enterprises
- Public Administrations

# **CAREER OPPORTUNITIES**

#### **Mathematics:**

- Teaching in primary, middle, and secondary levels
- Public and private institutions

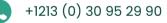
### **Computer Science:**

- AI/Machine Learning Engineer
- Internet and Web Development Companies
- IT Engineers in public and private sectors
- Teaching in middle and secondary levels



## **OUR CONTACT**





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## FREE REGISTRATION!