

www.euromed.org

**UEMF**

الجامعة الأوروبية بـفـاس  
EUROMED UNIVERSITY OF FES  
UNIVERSITÉ EUROMED DE FÈS



(+212) 0538 90 90 00



www.euromed.org



contact@ueuromed.org



Euromed University of Fez



euromed.fes



Euro-Mediterranean University of Fez



Eschool of Engineering Digital  
and Intelligence Artificialielle

## SCHOOL OF DIGITAL ENGINEERING & ARTIFICIAL INTELLIGENCE

First school of its kind  
in Africa and in the Euro-Mediterranean area



**Euromed University of Fez**

Route de Meknes (Rond point Bensouda), 30 000, Fès -  
MOROCCO Tel: +212 538 90 90 00 - Fax: +212 5 38 90 31 38  
www.ueuromed.org / contact@ueuromed.org



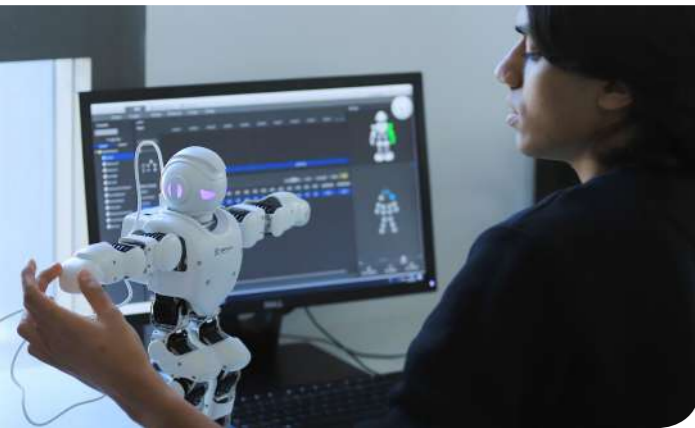
Union pour la Méditerranée  
Union for the Mediterranean  
الاتحاد من أجل المتوسط





## EIDIA SCHOOL PRESENTATION

The School of Digital Engineering and Artificial Intelligence (EIDIA), part of the Euromed University of Fez, is a higher education establishment for training and research. EIDIA offers cutting-edge engineering training in the fields of artificial intelligence, big data sciences, robotics, cyber-security and web and mobile technologies. The EIDIA reinforces the international positioning of Morocco, which is committed under the digital plan and the digital strategy 2020 to be one of the best performing countries in the Middle East / Africa area in terms of digital transformation, infrastructure and IT environment and number of digital professionals trained each year.



### ENGINEERING PROGRAMS

- › Artificial intelligence
- › Robotics and Cobotics
- › Big Data Analytics
- › Cyber security
- › Web and Mobile Application Engineering

## OUTLETS

### 1. Artificial Intelligence

- › Intelligent Systems Developer
- › Robot Programmer
- › Expert Consultant in AI
- › Engineer Project Manager

### 2. Robotics and Cobotics

- › Robot Designer
- › Robot Programmer
- › Digital Command Expert
- › Project Manager Engineer

### 3. Big Data Analytics

- › Big Data Developer - Data Scientist Data
- › Analyst - Project Manager Engineer

### 4. Cyber security

- › Cybersecurity Expert - Network/Systems Administrator IS
- › Director - Project Manager Engineer

### 5. Web and Mobile Application Engineering

- › Web Developer - Mobile Developer Software
- › Architect - Project Manager Engineer

## CONDITIONS OF ADMISSION

#### ACCESS TO THE FIRST YEAR OF THE PREPARATORY CYCLE:

- Degree required:** scientific baccalaureate or any equivalent diploma.
- Selection procedure:** Dossier study plus competition.

#### ACCESS TO THE FIRST YEAR OF THE ENGINEERING CYCLE:

- › Candidates having validated the two preparatory years of the EIDIA;
- › Candidates who have passed the common national entrance examination to engineering training establishments and similar establishments;
- › Holders - in computer engineering or any specialty judged by the commission, equivalent to the following diplomas: DEUG, DUT, DEUST, DEUP, License or other equivalent diploma accredited by the State.

#### Selection procedure:

- › Study of the file;
- › Written competition (Mathematics: Analysis and Algebra, Computer Science: Algorithms, C and Java Programming).

#### ACCESS TO THE SECOND YEAR OF THE ENGINEERING CYCLE:

**Degree required:** license or equivalent.

#### Selection procedure:

- › File study; Motivational
- › interviewing.

## EIDIA TRAINING OFFER



### PREPARATORY CYCLE

#### Preparatory Cycle for Engineer training

The first two years at EIDIA include a common core of modules whose objective is to provide the scientific and technical bases as well as the knowledge in human and social sciences essential for the pursuit of studies in one of the specialty streams. .



### ARTIFICIAL INTELLIGENCE

#### Artificial Intelligence Engineer

In the era of digital transformation, which is now present in almost all sectors of activity, the AI engineer is at the heart of this change by creating algorithms and computer programs capable of performing complex reasoning tasks, communication and learning like human beings.



### ROBOTICS AND COBOTICS

#### Big Data Analytics Engineer

The main mission of the robotics engineer is to design and produce robotic solutions with a high level of autonomy and intelligence in various sectors: automotive, health, education, etc. Thanks to perception systems with sensors and digital control mechanisms, these robots have the ability to interact with other digital devices and with the physical environment.



### BIG DATA ANALYTICS

#### Big Data Analytics Engineer

The data scientist is a versatile profile, essential in any company. Its main mission is the valorization of data using advanced mathematical methods via parallel and distributed computing algorithms. The objective is to transform data into usable information or to develop analytical and predictive software.



### CYBER-SECURITY

#### Cyber security engineer

The profile of cybersecurity engineer is in high demand, especially since information systems are becoming more and more complex. Its mission consists mainly of auditing, vulnerability analysis, supervision and administration of infrastructures and the development of solutions ensuring the security of data and systems.



### WEB & MOBILE APPLICATIONS

#### Web & Mobile Application Engineer

The Web & Mobile technologies engineer ensures the design and development of cloud and mobile software. He can also be in charge of the different stages of the application development project ranging from the analysis of customer needs, to coding and testing, through architecture and design work.