EUROMED UNIVERSITY OF FES

OPEN TO THE WORLD AND CENTERED ON RESEARCH, INNOVATION AND ENTREPRENEURSHIP

www.ueuromed.org
Initiated by His Majesty Mohammed VI, the King of Morocco and labeled by the Union for the Mediterranean with the support of the 43 member countries, UEMF is a regional (Euro-Mediterranean) university aiming at promoting intercultural dialogue, mutual understanding, mobility and cooperation between the two shores of the Mediterranean. Through these objectives, UEMF is contributing, from educational and cultural perspectives, to the regional integration and the construction of a common area of peace, co-development and shared prosperity, while providing world-class type of curricula and research both in Humanities and Social Sciences as well as in Engineering and Architecture at the three levels of the University education: BS.; MS.; and Ph.D.
A set of core values stand at the centre of the UEMF functioning

- Promote the values of openness, inclusiveness, moderation, tolerance and sharing
- Promote awareness on common values and common heritage-and-future
- Foster multicultural literacy amongst students and staff
- Foster equality of opportunities by hiring the best talents regardless of their origin, nationality, gender, believes, disabilities or social class
- Promote gender equality and implement proactive mechanisms of positive discrimination, in the case of equal skills, to include a large proportion of females
- Implement an evaluation process at all levels based on top-down and bottom-up approach
- Promote, recognize and reward excellence and efficiency at all levels both in education and research as well as in administration
- Provide scholarships and support to the best students, in particular, those from low-income backgrounds
- Promote the critical thinking and the rational approach and encourage the spirit of initiative, entrepreneurship, innovation and creativity
- Raise awareness on sustainable development issues
- Implement the mechanisms of the socio-economic role and the social responsibility of the University
Additionally to its high-level programmes, both in education and research, UEMF has put in place seven pillars to give a unique profile and multifaceted skills to its laureates.

**Seven pillars**

1. **Multi-lingual education**: All students have to master a certain level of at least two languages, in addition to their mother tongue.
2. **Multi-dimensional profile**: All students, both in Engineering and Humanities and Social Sciences attend cross-cutting courses on the Euro-Mediterranean history, civilizations and common heritage, with a strong focus on human values, tolerance, mutual understanding, living together and common future.
3. **Digital environment and multimedia**: The entire campus is connected with optical fiber facilities and endowed with the latest technologies of information and communication.
4. **Entrepreneurial skills**: Development of leadership and innovation skills through specific courses given by specialized academics and also by personalities from the socio-economic world. A multi-source fund along with legal-and-managerial training encourage students and professors to create their own spinouts and startups on the University campus. UEMF is also open to external companies for implementing spin-offs and startups on its campus, thus constituting a hub for innovation, technologies and wealth creation.
5. **International mobility**: Students enrolled in undergraduate programmes spend 18 months abroad in partner institutions, with 12 months in one country and an additional six months in a different country with a double or co-diploma from UEMF and from the partner institutions.
6. **Social involvement**: One-to-three months period is dedicated to the involvement of all university students in social projects both in Morocco and abroad.
7. **Environmental sustainability awareness**: Throughout their schooling, students learn about sustainable development tools and strategies to be used in their future career.
EUROMED FACULTY
OF ENGINEERING

BS.; MS.; and Ph.D. programmes
- Renewable Energies and Energy Efficiency in collaboration with École Polytechnique de Paris (MS)
- Environmental Engineering and Water Management in collaboration with École Nationale des Ponts et Chaussées (MS)
- Manufacturing Materials and Processes (3D-Printing)
- Big Data
- Transport and Sustainable Mobility

Continuing education
- Building Energy Expert
- Materials
- Logistics
- Design in Information and Decision Systems
- Accounting

Research programmes
- Additive manufacturing
- Structured materials, nanomaterials and nanocomposites
- Renewable energies
- Medicinal chemistry
- Bioceramics

INSA EURO-MEDITERRANÉE

Engineering diploma
- Mechanical and Energy Engineering
- Electrical Engineering
- IT and Communication Systems

The INSA programmes are offered in collaboration with a Euro-Mediterranean consortium of Universities from Italy, Portugal & Spain as well as the Institut National des Sciences Appliquées (Groupe INSA) from France.

Continuing education
- Mechanical engineering
- Embedded systems
- Communicating systems
- Informatics
- Automotive and aeronautic technologies
- Transport

Research programmes
- Additive manufacturing
- Energetic transition
- Embedded systems
- Communicating systems
EUROMED CIVIL ENGINEERING SCHOOL

Engineering diploma
- Civil Engineering
- Water management

Continuing education
- Civil Engineering
- Structural mechanics
- Blends & alloys
- Mechanical certification

Research programmes
- Blends & alloys
- Hybrid materials for isolation
- Upgraded local materials for construction
- Low energy buildings

FACULTY OF ARCHITECTURE, DESIGN AND URBANISM

BS.; MS.; and Ph.D. programmes
- Architecture
- Design
- Urban Planning
- Landscape Architecture

The programmes are developed in collaboration with Università degli Studi di Firenze, Universidad Politécnica de Madrid and École Nationale Supérieure des Arts Décoratifs de Paris.

Continuing education
- Urban planning
- Heritage preservation, restoration and valorisation
- Industrial design
- Craft design
- Textile design

Research programmes
- Urban planning
- New functionalities for the Medina
- Craft design
ACADEMIC PROGRAMMES

HUMANITIES AND SOCIAL SCIENCES PROGRAMMES

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

- Masters degree in Tourism in collaboration with the University Paris 1 Panthéon-Sorbonne, France
- Masters degree in Translation Studies in collaboration with University of Lorraine - Nancy, France
- Masters degree in Interpreting in collaboration with University of Salamanca, Spain
- Masters degree in Communication of Enterprises and Institutions in collaboration with Sorbonne Nouvelle -Paris 3 University, France

Continuing education
- Tourism and accounting
- Planning in touristic projects
- Languages: Arabic of for foreigners, French, English, Spanish and Italian
- Common heritage

Research programmes
- Common Euro-Mediterranean Heritage
- Migration & Immigration
- Valorization of the Medina Heritage
- Socio-political Analyses of the role of the Social Media in the Mediterranean
EUROMED INSTITUTE OF LEGAL AND POLITICAL SCIENCES

Political Science in collaboration with Université Paris-1 Panthéon-Sorbonne - Paris, France.

Continuing education
-> Euro Mediterranean institutions
-> Business and diplomacy
-> Science diplomacy

Research programmes
-> Regional integration
-> Europe and Africa evolving relations
-> Democracy and development
-> Political sciences and the social media
-> South-South relations in Africa

EUROMED BUSINESS SCHOOL

-> Marketing and communication
-> Accounting
-> Management of public affairs
-> Management of private sectors
-> Treasury and auditing
-> International trading
-> Management of Human Resources
-> Innovation and entrepreneurship
-> Information systems
RESEARCH, INNOVATION AND ENTREPRENEURSHIP

Talented researchers from various countries

Best Ph.D. students and financial support

Top publications, patents, licensing, spinouts & startups

Strong link with socio-economic world

World-class research facilities

Talented researchers from various countries

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UEMF RESEARCH STRATEGY

Human Resources (HR)

Research Facilities

Link to socio-economic world

International cooperation

Highly qualified International HR

World-class type of facilities

Market (opportunities) driven research

Mobility of Students and Faculty

Recognition & rewarding of merit

Platforms and Synergy

Self-Management of grants

International consortia/ projects

Seed grants

Individual and common labs

Incentives for industrial projects

Sabbatical

Financial support to students and PDFs

Lab-Fab; ICT...

12 ha dedicated to startups, spinouts and spin-offs

Divers international partners
CVTIP: CENTRE OF VALORISATION, TRANSFER, INCUBATION AND PLACEMENT

INTERNATIONAL COLLABORATION
In addition to its missions related to higher education and research, the UEMF also has several roles:

- **20% OF STUDENTS HAVE SCHOLARSHIPS FROM UEMF**
- **HELP STUDENTS AND ALUMNI FROM LOW-INCOME BACKGROUND**
- **SOCIAL IMPLICATION OF STUDENTS AND STAFF**
- **INvolvement in the Country’s Development**
AN ECO-CAMPUS LABELED BY THE COP22

AN ECO-CAMPUS OF 30HA WITH WORLD-CLASS FACILITIES AND STIMULATING ENVIRONMENT

A HIGH PLACE OF LIFE WITH EXCEPTIONAL FACILITIES

- EDUCATION & RESEARCH FACILITIES
- LIBRARY & IT CENTRE
- RESIDENCES OF STUDENTS
- CATERING
- SPORT FACILITIES
- COFFEES AND SHOPS
- BOOKSTORES
- THEATER PICTURE
- TOURISTIC AGENCY AND CAR RENTING
- BANKS
- MINI-MARKET
- HAIRDRESSING AND BEAUTY SALOON
- AND MUCH MORE ...
RESEARCH IN ENGINEERING AND ARCHITECTURE

UEMF RESEARCH
Engineering and Architecture

RENEWABLE ENERGIES
Solar Energy
Energy Storage
Energy from Biomass
Renewable Energy and Desalinisation

NEW MATERIALS
Nanomaterials and Nanostructures
Hybrid structures
Mitigation of Sounds and Vibrations in Light Structures

ELECTRICAL VEHICLE
New Technologies
Development of Enhanced Electric Vehicle
Smart City Mobility

INFORMATION AND COMMUNICATION TECHNOLOGIES
Big Data
Connected systems
Robotics
Interaction human-system
Embedded systems

GREEN CHEMISTRY
Supramolecular chemistry
Enhanced Catalysis
Separation and Adsorption Processes

MEDICINAL AND BIOMIMETIC CHEMISTRY
New Bioactive Molecules
Drug Delivery
Medical Imaging
Tissue Engineering

CHEMISTRY FOR ENERGY APPLICATIONS
Phosphorus-based Ionic Liquids
Complex Organic Molecules
Fuel Cells and Super-capacitors

ADDITIVE MANUFACTURING
Aircraft Components
Aerospace & automotive Industry
Biomedical Implants
Bone Regeneration
RESEARCH IN HUMANITIES AND SOCIAL SCIENCES (SHS) AND POLITICAL SCIENCES

- **EUROMED COMMON HERITAGE**
  - Societies and heritage
  - Material and immaterial heritage
  - Euromed Civilisations & Societies

- **MOBILITY IN THE EUROMEDITERRANEAN AREAS**
  - Migration & immigration
  - International Relations

- **EUROMED LEGAL SCIENCES**
  - Institutional Transformations
  - Design and Evaluation of Public Policies
  - Political Participation and Democracy
  - Euromed Institutions
  - International relations

- **EUROMEDITERRANEAN CITIES**
  - Fes Since Independence
  - Sectorial Imbalances
  - Impacts on Urban Spaces

- **CHAIR OF HUMAN RIGHTS**
  - Interdisciplinary approach
  - High Level Education based on Historical and Philosophical Principles

- **HERITAGE MEDIATION**
  - Built Heritage
  - Movable Heritage
  - Know-how, Tourism.
  - Economical and Social Life of the Population

- **DIDACTICS OF LANGUAGES AND INTERCULTURALITY**
  - Uses of Languages in Morocco
  - Languages of Sciences and Professional Languages
  - Cognitive learning

- **UEMF Research**
  - SHS and Political Sciences

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