

INSPIRE TRANSFORM IMPACT

**SCHOOL OF SCIENCE
AND ENGINEERING**

ABOUT

جامعة الأخوين
AL AKHAWAYN
UNIVERSITY

Al Akhawayn University in Ifrane

Founded by Royal Dahir, Al Akhawayn University opened its doors in January 1995, establishing itself as a pioneering institution dedicated to shaping Morocco's future leaders and those of the global community.

With a focus on a globally-oriented, English-language liberal arts education modeled on the American system, Al Akhawayn University offers a unique, comprehensive learning experience. The university plays a crucial role in Morocco's development, while actively engaging with the world through cutting-edge educational and research initiatives, including programs in continuing and executive education.

Committed to upholding the highest academic and ethical standards, Al Akhawayn University champions equity, social responsibility, and a campus life that enriches students' educational journeys.

- **Moroccan Public University**
Degrees fully recognized & accredited.
- **Non-Profit Institution**
Dedicated to community and national advancement.
- **American Education System**
Offering an internationally focused liberal arts curriculum.
- **Vibrant Campus Life**
A unique residential experience that fosters growth and lifelong connections.
- **Scholarships and Financial Aid**
Financial assistance options to support student access and success.

30 Years
of Excellence and Achievements

Partnerships with over

400
universities worldwide

A campus representing more than

40 nationalities

+7500
Alumni around the world

84%
of graduates get a job
proposal before graduation

46%
of students engage in international
exchange programs

91%
satisfaction rate from our students

+50 Active Clubs

International accreditations



Multiple Opportunities Offered

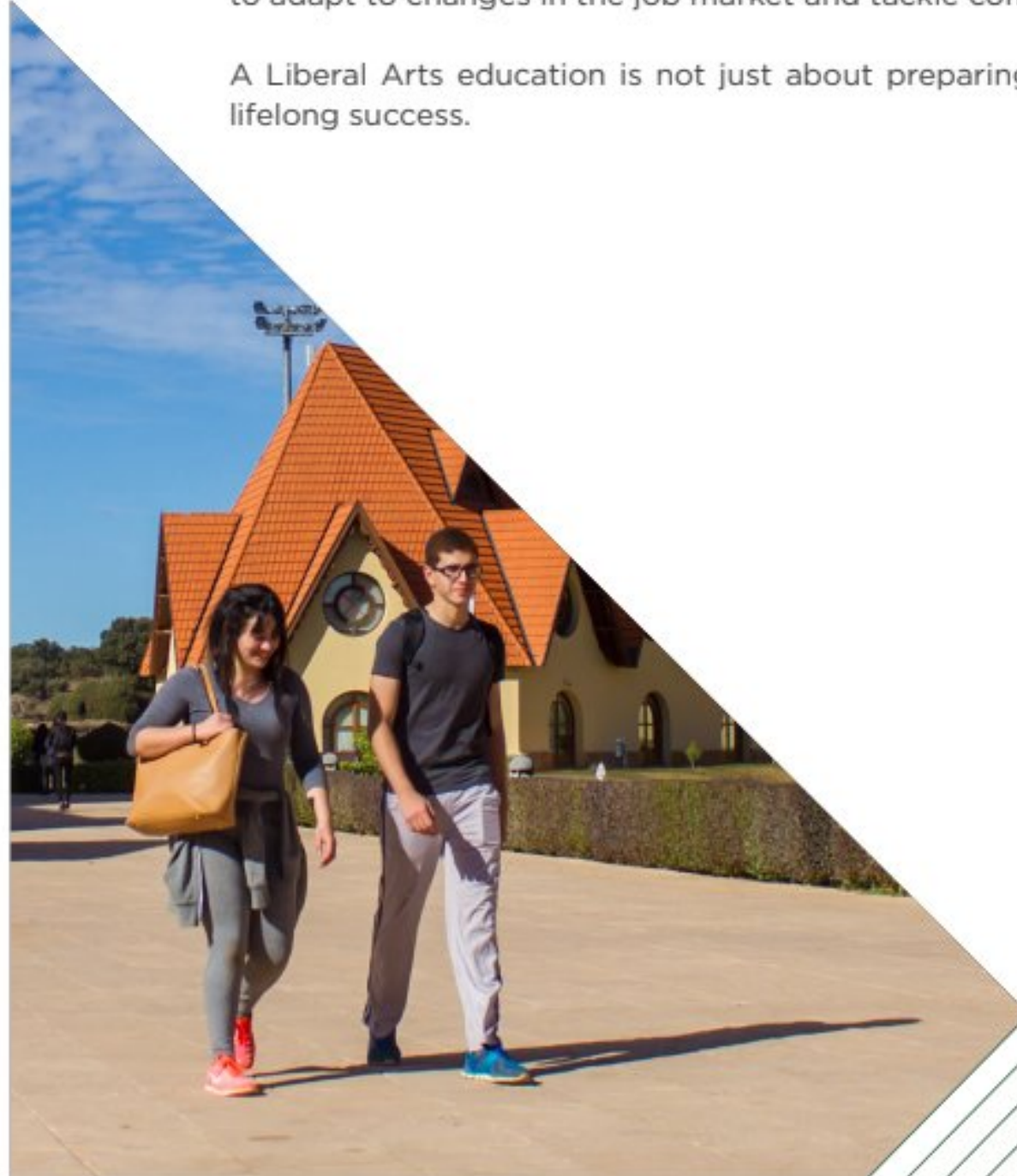
- Strong Alumni network
- Work-study programs
- Work-study internships
- Remote professional experiences in collaboration with major partners like Leyton, Capgemini and Dashser
- «Start Up Olympus» Incubation Platform

LIBERAL ART EDUCATION

Elite education system to shape the leaders of tomorrow

A Liberal Arts education goes beyond specializing in a single subject; it's about gaining a well-rounded foundation that prepares you for real-world challenges. This system encourages you to explore a variety of fields-like sciences, humanities, and social sciences-developing critical thinking, problem-solving, and communication skills along the way. By learning to think across different disciplines, you'll be ready to adapt to changes in the job market and tackle complex issues with creativity and confidence.

A Liberal Arts education is not just about preparing for your first job; it's about equipping you for lifelong success.





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SCHOOL OF SCIENCE AND ENGINEERING

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The School of Science and Engineering is internationally recognized, serving national and global needs through innovation, partnerships with industry, and international collaboration as a unique community of scholars.

The mission of the School of Science and Engineering is to foster the growth of engineering and scientific knowledge and its application through education, research, and service.

Open platforms for training and development, used by the school :

Google
ACADEMY

IBM
SkillsBuild

giz
Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



aws academy



77
international and national
faculty members

+10 programs

Accreditations

The SSE undergraduate program is accredited by
« Accreditation board for Engineering and Technology »



Extra-curricular Activities

These initiatives enhance learning visibility and accessibility, offering students platforms to apply skills in real-world contexts. They bridge the gap between theory and practice, fostering deeper understanding.

Competitive elements like contests and hackathons inspire creativity, teamwork, and active participation, while integrating with undergraduate research to connect academics with practical applications.

This prepares students for future academic and professional success.

Option

Students have the opportunity to combine the Bachelor and Master programs, benefiting from an accelerated and coherent academic path designed to develop both fundamental and specialized skills in their field.

UNDERGRADUATE

Bachelor of Science in Computer Science

ABET accredited

Specialization Areas :

- Advanced Computer Science (ACS)
- Artificial Intelligence (AI)
- Big Data Analytics (BDA)
- Computer Systems (CSys)
- Software Engineering (SE)

Bachelor of Science in Engineering and Management Science

ABET accredited

Thematic Areas :

- Manufacturing and Logistics Engineering (MLE)
- Finance
- Biotechnology
- Computer Science
- Software Engineering (SE)



UNDERGRADUATE

Bachelor of Science in General Engineering

ABET accredited

Thematic Areas :

- Mechatronics
- Mechanical Engineering
- Aeronautics

Bachelor of Science in Renewable Energy Systems Engineering

ABET accreditation to be submitted first cohort graduation

Focus Areas :

- Energy, Sustainability, and Environment
- Renewable Energy Technologies
- Power Distribution Systems
- Smart Grid and Grid-Connected Systems
- Energy Storage and conversion





GRADUATE

Master of Science in Big Data Analytics

Focus Areas :

- Horizontal Scalability in Computing
- Big Data & NoSQL Environments
- Analytics: Mining & Predictive Techniques
- Processing Diverse Data Sources

Master of Science in Software Engineering

Focus Areas :

- Enterprise-Grade Software Production
- Integration of Software Components
- Agile Software Development

Master of Science in Sustainable Energy Management

Focus Areas :

- Renewable Energy Engineering & Finance
- Energy Efficiency Evaluation
- Energy Project Consultation



RESEARCH STRUCTURE AND ACTIVITIES

Priority Research Areas

- The university sets priority research areas that best serve its strategic plan and are in line with national priorities.
- In the 2025 Strategic Plan, the focus is on orienting research to sustain Ifrane as a Smart College Town.

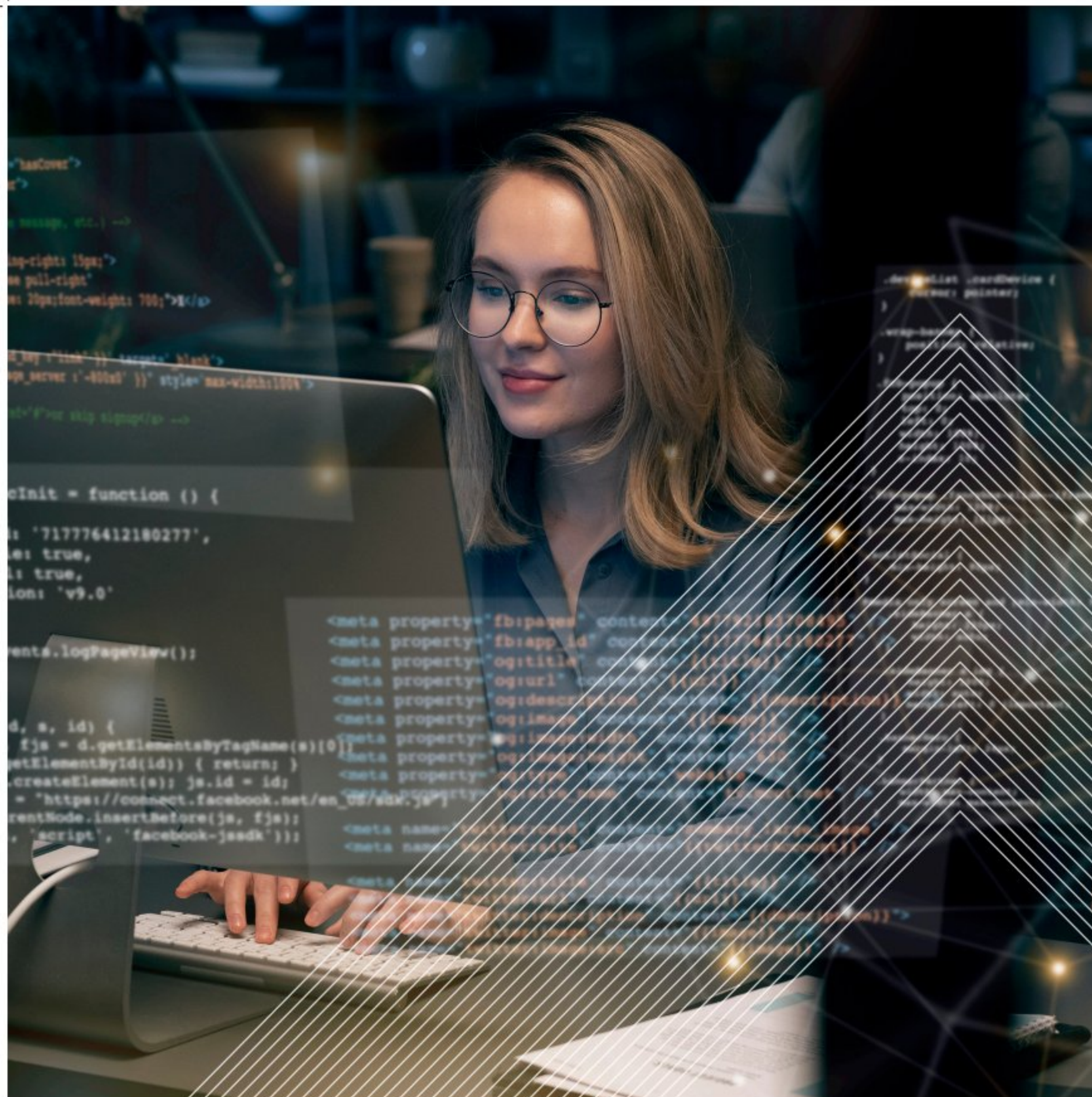
Research teams and centers

- AUI faculty are encouraged for collaborative multi- and inter-disciplinary research
- Researchers have the opportunity to take the lead and form their own Research Groups or Centers, which can be officially recognized at the school or university levels, providing a platform for their research initiatives.

AUI @Industry and Industry @AUI

Collaboration and agreements with industries to host students, participate in modules, and open their centers at AUI (Google, CISCO, Leyton, CapGemini, etc.)





UNDERGRADUATE RESEARCH: FROM CAPSTONE PROJECTS TO IMPACTFUL RESEARCH

This strategic orientation allows students to apply the skills and knowledge they've acquired throughout their studies to a real-world problem or research question.

Capstone projects involve either individual or team efforts, with students working together alongside faculty members or industry professionals.



TESTIMONIALS



As technology continues to transform our world, the importance of cybersecurity cannot be overstated. AUI prepared me for a strong cybersecurity career in Morocco, well-positioned to meet the challenges of the future and work with a dynamic and professional team. I thank you all!

El Amine Naitlho

SSE - Cybersecurity Consultant at Deloitte





GENERAL CONDITIONS ADMISSIONS

Review of high school records and credentials.

Pass the General Admissions Test (GAT)
or provide SAT with minimum score of 920 (500 in Math)

A satisfactory admission interview

N.B: A Moroccan candidate who is studying and living abroad may be invited for an online GAT interview.

APPLY →

info.aui.ma/applynow



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UNIVERSITY

FOR MORE INFORMATION AND APPLICATION

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Learn more



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