

Master's Cybersecurity

- UPF University– American International Institute and Ira A. Fulton Schools of Engineering at Arizona State University (ASU).
- Program Format: 1+1 (1 year in Morocco, 1 year in the U.S. on campus or online)

Program Overview

The Master of Science in Cybersecurity at UPF-American International Institute (UPF-AII) is a globally competitive graduate program developed using Arizona State University's (ASU) curriculum. This master's degree offers a 1+1 pathway with the Ira A. Fulton Schools of Engineering.

Course Curriculum

The Master of Science in Cybersecurity combines advanced technical training, real-world application, and international exposure to prepare future cybersecurity leaders capable of protecting digital infrastructure in an increasingly complex global landscape.

This master's degree equips students with expertise in secure software engineering, cyber defense

strategies, threat intelligence, and risk management to address the growing demand for resilient and secure digital ecosystems.

The program features Global Signature Courses, industry-led master classes, and access to Arizona State University's world-class engineering and cybersecurity ecosystem.

Students also benefit from international exposure through a 1+1 pathway with the Ira A. Fulton Schools of Engineering at ASU.

Dual Master's Degree – 1+1 Pathway

The Master of Science in Cybersecurity offers a 1+1 Dual Degree Pathway in partnership with Ira A. Fulton Schools of Engineering at Arizona State University (ASU).

Students complete one year at UPF-AII and finish their second year at ASU, on campus in Arizona, graduating with two master's degrees in just two years.*

Year 1 – Begin at UPF- American International Institute (UPF-AII)

Start your master's program at UPF- American International Institute (UPF-AII), including ASU courses that count toward a second degree.

Year 2 – Complete at Arizona State University (On-Campus in Arizona)

Finish your second master's degree at ASU.

Students who choose the on-campus experience may apply for the OPT (Optional Practical Training) program, allowing eligible graduates the possibility to work legally in the United States for up to three years (depending on program eligibility).

Upon successful completion of the 1+1 pathway, you graduate with:

- Master of Science in Cybersecurity from the American International Institute at Université Privée de Fès, Morocco.
- Master of Science in Software Engineering (Cybersecurity) from the Ira A. Fulton Schools of Engineering at Arizona State University, United States.

Key benefits:

- Two internationally recognized degrees
- Global exposure: Study in both Morocco and the United States.
- Enhanced career opportunities: Degrees respected by employers worldwide.

The Dual Master's Degree enhances global mobility and provides a strong advantage in cybersecurity and software engineering careers.

*Final year at ASU eligibility depends on successful credit transfer and approval by Arizona State University. Program details may vary based on academic progress.

Program Duration

Master's degree from UPF-AII: 2 years.

Dual Master's degree – One from UPF-AII and one from ASU: 1 year at UPF-AII and 1 year at ASU

Learning Outcomes

This program emphasizes applied learning and problem-solving in high-stakes cybersecurity environments.

- Builds strong technical foundations in software engineering and cybersecurity, including secure system design and implementation.
- Covers key areas such as network security, cryptography, threat intelligence, ethical hacking, and risk management.
- Combines hands-on labs and real-time simulations with practical problem solving through:
 - o Real-time threat analysis and cyber defense simulations
 - o Penetration testing and vulnerability assessment projects
 - o Incident response and digital scenarios

The final year includes a Capstone Research Project or Industry Internship, aligned with global cybersecurity challenges and industry needs.

Career Opportunities

Graduates are prepared to design secure systems, protect critical digital assets, and respond effectively to evolving cyber threats across global organizations.

The program equips students with the technical expertise, analytical capabilities, and leadership skills required for advanced cybersecurity roles, including:

- Cybersecurity Engineer
- Security Operations Center (SOC) Analyst
- Cyber Threat Intelligence Specialist
- Information Security Manager
- Cloud Security Architect
- Penetration Tester / Ethical Hacker
- Risk & Compliance Analyst
- Incident Response Manager
- Digital Forensics Investigator
- Chief Information Security Officer (CISO)

Who Is This Program For?

The Master of Science in Cybersecurity program at UPF-AII is designed for students and professionals who want to build advanced expertise and grow into leadership roles in cybersecurity and secure digital technologies in an international environment.

The program is built for those who aim to:

- build a global career in cybersecurity and secure digital systems
- develop advanced technical and analytical cybersecurity skills
- gain international exposure through a dual degree pathway with Arizona State University
- expand their professional network within the global technology and cybersecurity ecosystem

With a focus on practical learning, real-world simulations, and modern cybersecurity tools and technologies, the program helps students apply knowledge immediately in professional and high-impact digital environments.



Admissions Requirements

To enroll in the Master of Science in Cybersecurity program and qualify for the dual master's degree pathway at ASU, applicants must have:

- A Baccalauréat diploma – Scientific option
- A Bachelor's degree in Computer Science, Software Engineering, IT, or a related field
- A strong academic background (GPA or equivalent)
- English proficiency (TOEFL, IELTS, Duolingo or equivalent); a placement test is required
- Interview
- Academic eligibility for transfer to ASU after Year 1: minimum cumulative GPA = 3 (12/20) in the last two year of the bachelor, and English Test Score, Duolingo ≥ 115 .

Tuition Fees Structure

The first year at UPF – American International Institute – Fez / Rabat Campus

Admission Year 2026-2027

- Application Fees: 500 MAD
- Annual Fees: 80,000 MAD
- Merit-based scholarships available for eligible students

The second year at Arizona State University

- On Campus: <https://admission.asu.edu/cost-aid/international>
- Tuition fees are directly managed by Arizona State University

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