

4th Edition

THE CYBERSECURITY PROFESSIONAL PROGRAM

Training the NEXT generation of cybersecurity experts



This program is compatible with a full-time professional activity

100% Online & Flexible

www.um6p.ma

ABOUT MOHAMMED VI POLYTECHNIC UNIVERSITY

Mohammed VI Polytechnic University (UM6P) is an institution oriented toward applied research and innovation, aiming to be among the world-renowned universities in these fields.

The University is committed to an education system based on the highest international standards in crucial fields such as science and technology, humanities, economics, and social sciences for the sustainable economic development of Morocco and the African continent.

This allows Mohammed VI Polytechnic University to consolidate Morocco's avant-garde position in these fields by implementing a unique partnership approach and strengthening its academic and executive education programs in relevant skills for the future of Africa.

Located in the town of Benguerir, near Marrakech, and situated in the heart of Mohammed VI Green City, Mohammed VI Polytechnic University intends to combine local roots and a national, continental, and international influence.



ABOUT EC-COUNCIL UNIVERSITY

EC-Council University (ECCU) is dedicated to creating superior educational programs that enable graduates to face the latest IT security risks and lead their colleagues in strategically handling those challenges. EC-Council University builds on its parent corporation's recognition and strengths. The International Council of Electronic Commerce Consultants, also known as EC-Council, is a globally recognized IT certification body specializing in Information Assurance and e-business.

EC-Council University is licensed by the New Mexico Higher Education Department (at 2044 Galisteo Street, Suite 4, Santa Fe, New Mexico, USA) and accredited by Distance Education Accrediting Commission (DEAC).

The DEAC is listed by the US Department of Education as a recognized accrediting agency and is recognized by the Council for Higher Education Accreditation (CHEA).



**RANKED AMONG
TOP 10
BY FORTUNE®**

**FOR IT'S ONLINE
CYBERSECURITY MASTER'S DEGREE**

EC-Council University has been ranked among **"The Top 10 Best Online Master's in Cybersecurity"** by Fortune®, underscoring our commitment to excellence, innovation, and ethical practices in cybersecurity education.

The Knowledge Review Magazine recognized EC-Council University in the annual listing of **"The 20 Most Valuable Online Colleges in America,"** which highlights online universities that use contemporary technology in shaping their curriculum, alongside innovative educational procedures and crafting a prolific career for every student.



www.eccu.edu

CYBERSECURITY PROFESSIONAL PROGRAM

The program delves deeply into Cybersecurity, business management, and leadership through modern pedagogical methods such as online classrooms, threaded discussions, casestudies, and i-Labs drawn from the actual context and real-life examples.

PROGRAM STRUCTURE



START DATE
January 2024



LOCATION
Online



LANGUAGE
100% English



DURATION
24 months



DEGREE
American Master of Science
in Cyber Security (MSCS)



CERTIFICATIONS

- UM6P Cybersecurity Practitioner Certificate.
- Certified Ethical Hacker (CEH) Certification.
- Preparation of additional most recognized certifications (CND, CHFI, ...).

ADMISSION PROCESS

June 2024	Opening of online preregistration	Complete online application	Preselection round 2: Preselection based on file by ECCU & UM6P	Start of the program, January 2025
	Preselection round 1: Individual Interviews	Degree & transcripts equivalency evaluation	Registration confirmation	

WHY OUR CYBERSECURITY PROGRAM?

To promote cybersecurity education and create new career opportunities for its students, UM6P has collaborated with ECCU, a world-recognized accredited American University.

Through this program, we aim to contribute to the development of Moroccan and African professionals' expertise in Cybersecurity fields.

Our cybersecurity program will allow you to:

Earn an American Master's degree in Cybersecurity

Attain industry-recognized certifications for your professional careers

Learn from top-notch faculty who are industry practitioners in the Cybersecurity field

Attend a 100% Online program from anywhere, at anytime

Attain a Hands-on learning experience and practice with i-Labs

Be part of a Diverse and International Community in the Cybersecurity field



The program has been designed to provide the students with the necessary technical skills and theoretical knowledge to address evolving cybersecurity challenges.

The program includes the Master of Science in Cyber Security (MSCS) degree from EC-Council University and the Mohammed VI Polytechnic University (UM6P) Cybersecurity Practitioner Certificate.

The program's courses are presented over a period of 2 years and consist of assigned readings, threaded discussions, case studies, written analysis, research projects, and examinations.

EC-Council University's coursework is delivered through a 100% online degree program, providing flexibility in time management.

Each course is instructor-led by credentialed professors with industry experience.

Cyber Drills are also organized as a part of the program, where you will face a simulated problem that enterprises often have to deal with. You will also get a chance to practice what you have learned during the previous weeks under the supervision of an industry expert.

At the end of the program, you must successfully pass your course examinations and the cyber Drill to attain the Master of Science in Cyber Security degree from EC-Council University and the Mohammed VI Polytechnic University Certificate.

WHAT WILL YOU STUDY?

1. American Master's degree in Cybersecurity

Core Requirements (27 Credits):

Core Research and Writing Skills Course

- ECCU 505: Intro to Research and Writing for the IT Practitioner

Core Management Emphasis Courses

- 502 MGMT: Business Essentials
- ECCU 504: Foundations of Organizational Behavior
- ECCU 516: Hacker Mind: Profiling the IT Criminal
- ECCU 514: Quantum Leadership

Core Network Security Courses

- ECCU 500: *Managing Secure Network Systems (CND certification)
- ECCU 501: **Ethical Hacking and Countermeasures CEH certification 
- ECCU 507: Linux Networking and Security

Final Requirement

- ECCU 519 Capstone (Professional project of 3 months)

* training course only

** training course and exam voucher included

Courses per specialization (9 Credits):

Specialization A: Security Analyst

- ECCU 503: *Security Analysis and Vulnerability Assessment
- ECCU 506: *Conducting Penetration and Security Tests (CPENT)
- ECCU 509: Securing Wireless Networks

Specialization B: Cloud Security Architect

- ECCU 520: Advanced Network Defense
- ECCU 510: *Secure Programming
- ECCU 525: Security Cloud Platforms

Specialization C: Digital Forensics

- ECCU 502: *Investigating Network Intrusions and Computer Forensics (CHFI)
- ECCU 517: Cyber Law
- ECCU 521: Advanced Mobile Forensics and Security.

2. UM6P Cybersecurity Practitioner Certificate

The online UM6P cyber drill exercises make you practice your testing tools and techniques via hands-on experience in different fields of Cybersecurity. They help you assess not only the skills but also the mindset required to be a cybersecurity professional. These exercises not only refine your technical skills but also cultivate the strategic and critical thinking necessary for success in the field.

Upon completion, participants are awarded the UM6P Cybersecurity Practitioner Certification, a testament to their comprehensive understanding and practical expertise in cybersecurity. This certification serves as a validation of your capabilities and enhances your credibility as a cybersecurity professional.



PROGRAM ADMISSION REQUIREMENTS

Applicants to the program should have:

- A bachelor's or a master's degree in engineering, mathematics, or science and have a minimum experience that includes the equivalent of a Computer Science or Computer Engineering minor.
- Have earned their bachelor's or master's degree from an appropriately accredited institution.
- Have a minimum CGPA of 2.5 (10/20) on the transcript of the most recently conferred bachelor's or master's degree
- An appropriate English test score as proof of English proficiency: (TOEFL (IBT): 71+, TOEFL(PBT):550+, IELTS:6.5+, Duolingo:100+)*.

For more information, please visit our official website:
www.cyberprogramregistration.um6p.ma

** If your degree is earned in a country where English is the official language or English was the language of instruction at the University where you earned your degree, you must only provide a letter from the institution stating that English was the language of instruction.*

APPLICATION REQUIREMENTS

Candidates can apply online but will be fully admitted to the program following receipt of all official documents that are required for admission and upon meeting all requirements for admission:

- Official government ID or passport;
- A photo of the candidate (selfie) holding his official government ID or passport;
- Official transcript(s) from the institution where the student received a bachelor's or most recent master's degree. (translated into English*);
- Degree certificate (translated into English*);
- Official evaluation of international credits** (for students with non-American transcripts only);
- Proof of English proficiency (TOEFL (IBT): 71+, TOEFL (PBT): 550+, IELTS: 6.5+, Duolingo: 100+)*.

Please note that all the above-mentioned documents must be uploaded on the UM6P registration platform: **www.cyberprogramregistration.um6p.ma**

** An official English translation should accompany any documentation, not in English.*

*** To check the US degree equivalency, you will need to get your transcripts evaluated by an independent evaluator. UM6P will transfer the provided transcripts to the appropriate American organisms at a nominal fee of \$115 (evaluation fees), payable through the online partner platform (not refundable).*

Selection procedure

- Examination of application documents by UM6P.
- Evaluation & Validation of the provided documents by UM6P and its partner.

Tuition and fees

- Tuition costs: 113.000,00 HT MAD / 2 years
- Evaluation fees: \$115,00**

UM6P University reserves the right to refuse or revoke admission to the program if: "The prospective student does not meet the University's requirements for admission." There are discrepancies in the provided admission documents that cannot be resolved, including false or missing information.



University
Mohammed VI
Polytechnic



EC-COUNCIL
UNIVERSITY
ACCREDITED. FLEXIBLE. ONLINE.

For more information:

Cyber.program.contact@um6p.ma

+212 (0) 5 25 07 31 98

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