

EC-COUNCIL
UNIVERSITY
ACCREDITED. FLEXIBLE. ONLINE.



MASTER OF SCIENCE IN **CYBERSECURITY**

**With Industry-recognized EC-Council Certifications
Including The World-acclaimed Certified Ethical Hacking**



100%
ONLINE

U.S. Recognized
Accreditation

TERM STARTS
6th October 2025

Data Breaches Are on the Rise.

Cyberspace: The New Battleground

In an era where data breaches have become all too common, cyberspace has become the new battleground.

As organizations strive to protect their valuable assets, the demand for cyber security-trained talent has reached an all-time high and the writing is clear on the board: upskilling is vital for not just thriving in your career but also surviving.

Are you ready to rise to the challenge?

Stay ahead of hackers by honing your skills, staying informed about the latest threats, and gaining the knowledge to defend against these attacks to ensure a secure digital future.

Gain the knowledge, skills, and industry-readiness to combat cyber threats head-on with EC-Council University's Master of Science in Cyber Security degree program and elevate your cyber Security career.

Don't wait; secure your future today!

01 

GLOBAL CYBERCRIME IS FORECASTED TO REACH AN ANNUAL COST OF **\$10.5 TRILLION** BY 2025 (FORBES, 2023)

02 

IN A STAGGERING **84% OF CODE BASES**, THERE WAS A DISCOVERY OF AT LEAST ONE VULNERABILITY ORIGINATING FROM OPEN SOURCE COMPONENTS (SYNOPTIS REPORT, 2023).

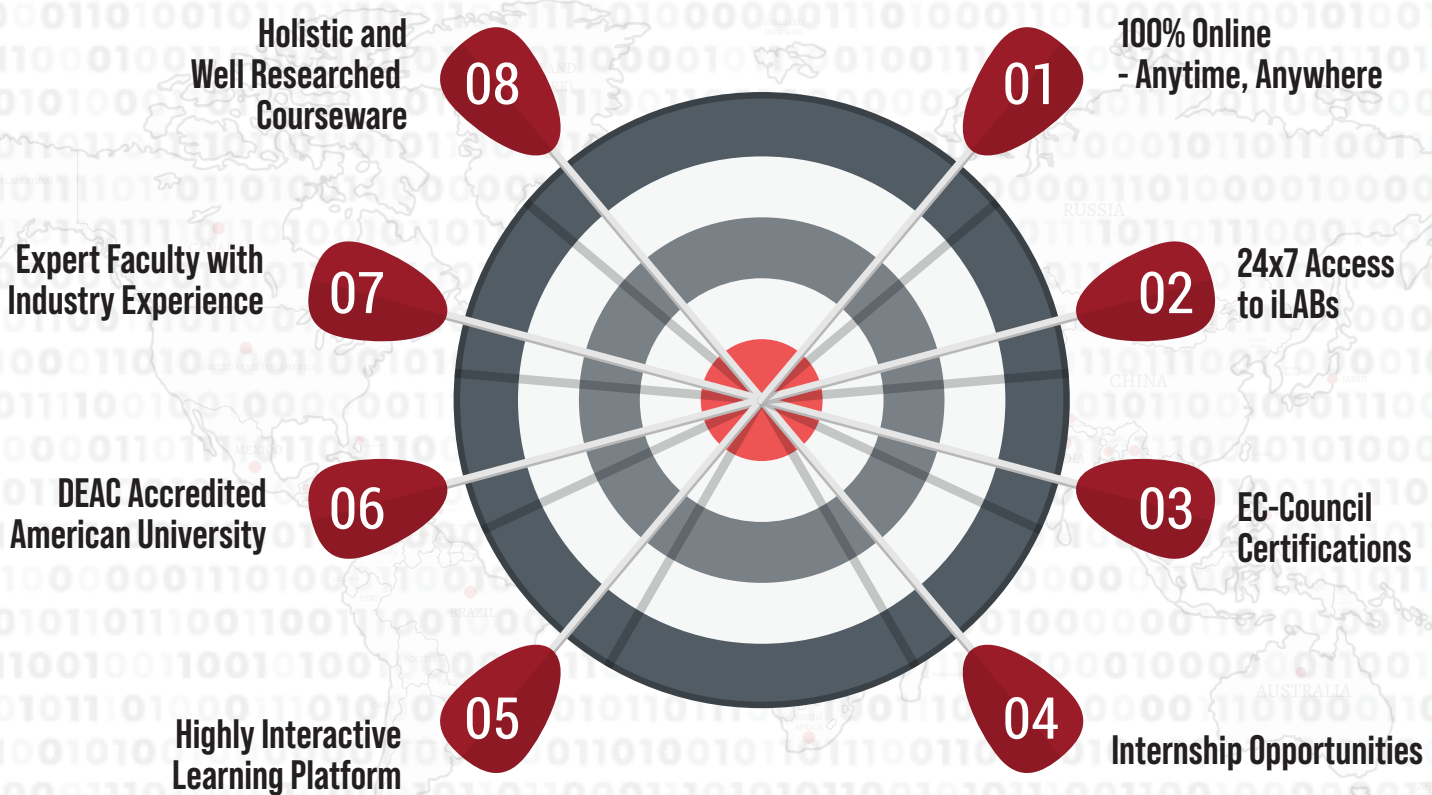
03 

IN 2022, AN UNPRECEDENTED SURGE IN **MOBILE PHISHING** WAS WITNESSED, REACHING THE HIGHEST RATE IN HISTORY (LOOKOUT REPORT, 2022).

EC-Council University: Forging a Legacy of Cybersecurity Brilliance

Founded in 2003 and granted a license by the New Mexico Higher Education Department in 2006, EC-Council University is based in Albuquerque, New Mexico, USA, with a mission to nurture the next generation of cybersecurity leaders. As an Institution, we leverage the esteemed reputation and extensive expertise of our parent organization, EC-Council. Widely recognized as the largest cybersecurity training and certification provider globally, EC-Council is also the creator of the renowned Certified Ethical Hacking (C|EH) credential, amongst other leading credentials.

What Makes EC-Council University Different?



From Knowledge to Impact: **Master the Art of Cyber Defense**

Prepare to thrive in the dynamic realm of cyber Security with EC-Council University's Master of Science in Cyber Security (MSCS) degree program. Our comprehensive, state-of-the-art curriculum equips individuals with technical cyber security knowledge and essential business leadership skills to combat real-world cyber threats.

With a focus on industry-driven education, our program has nurtured over 2000 successful alumni who have secured prestigious positions in leading global organizations.

By joining EC-Council University, you will become a part of a global network of professionals, who are committed to cyber security excellence.



Level of Study
Graduate



Number of
Specializations
5



EC-Council
Certifications Included
**3 to 4 Per
Specialization**



Term Begins on
**6th October
2025**



Number of Courses
12



MSCS Completion Time
2 Years

Student Learning and Career Outcome Survey 2022

100%

EC-Council
University
graduates got
employment within
a year.

93.8%

Students
achieved their
academic
goals upon
completion.

91.55%

Students are
motivated to stay
in the program
they select to
move completion.

89.6%

EC-Council
University
graduates would
recommend the
programs.

1 Master's Degree. 5 Specializations.

Limitless Career Possibilities with EC-Council Certifications

EC-Council University's Master of Science in Cybersecurity program offers a comprehensive curriculum to equip students with essential technical knowledge and skills. Specialized courses cover network security, digital forensics, ethical hacking, secure coding, and more. Earn top EC-Council certifications like C|EH, C|ND, and C|CISO to enhance credentials. Choose from five cutting-edge specializations for versatility and adaptability in the dynamic cybersecurity landscape. Propel your career forward with our industry-focused program.

Did You Know?*
1 in Every 2 Professionals Received **PROMOTIONS** After

Executive Leadership in Information Assurance

C|CISO **C|EH** **C|ND**
Certified Chief Information Security Officer Certified Ethical Hacker Certified Network Defender

Manages IT security projects to enhance the success rate.

Incident Management and Cyber Operations

E|DRP **E|CIH**
EC-Council Incident Response Professional EC-Council Certified Incident Handler

C|EH **C|ND**
Certified Ethical Hacker Certified Network Defender

Focuses on handling and responding to various security incidents.

1
3.2
5.4

Cloud Security Architect

C|ASE **C|CSE**
Certified Application Security Engineer Certified Cloud Security Engineer

C|EH **C|ND**
Certified Ethical Hacker Certified Network Defender

Support on-premise and cloud security infrastructure.

Security Analyst

C|PENT **C|EH** **C|ND**
Certified Penetration Testing Professional Certified Ethical Hacker Certified Network Defender

Focuses on testing methods and techniques to mitigate risks.

Digital Forensics

C|HFI **C|EH** **C|ND**
Certified Hacking Forensic Investigator Certified Ethical Hacker Certified Network Defender

Investigate network intrusions and mobile forensics.

*Source: C|EH Hall of Fame Report 2023

SECURITY ANALYST

Course Overview

The Security Analyst specialization focuses on testing methods and techniques to effectively identify and mitigate risks to the security of a company's infrastructure while providing application and network-based security vulnerability assessments, pen testing, and securing wireless networks including authentication, authorization, and encryption in accordance with industry-accepted methods and protocols.

Program Mappings to Certificates

The EC-Council University Master of Science Degree program prepares students to challenge the following industry certification exams:



After completing an online security analyst program and gaining 1 to 4 years of experience, a cyber security analyst can earn an average salary of **\$70,906**, as per PayScale.

Potential Career Opportunities:

- ① Information Security Manager/ Specialist
- ① Systems Security Analyst
- ① Cybersecurity Defense Analyst
- ① Computer Network Defender
- ① Penetration Tester

...and many more



CLOUD SECURITY ARCHITECT

Course Overview

The Cloud Security Architect specialization focuses on planning, analyzing, designing, configuring, testing, implementing, maintaining, and supporting an organization's on-premise and cloud security infrastructure. The Cloud Security Architect specialization trains you to harden enterprise architecture and cloud architecture from the most advanced attacks and secure programming practices to overcome these inherent drawbacks to pre-empt bugs from the code and designing and implementing cloud security.

Program Mappings to Certificates

The EC-Council University Master of Science Degree program prepares students to challenge the following industry certification exams:



In 2023, PayScale reports the average salary for Cloud Security Architects at \$158,191, with base packages varying from **\$80,000 to \$167,000** yearly, depending on location, experience, and skills.

Potential Career Opportunities:

- ⦿ Cloud Security Architect
- ⦿ Cloud Security Engineer
- ⦿ Cloud Information Security Specialist
- ⦿ Computer Network Architect
- ⦿ Information Security Officer

...and many more



INCIDENT MANAGEMENT AND CYBER OPERATIONS

Course Overview

The Incident Management and Cyber Operations specialization focuses on handling and responding to various security incidents, identifying vulnerabilities, and taking appropriate countermeasures to prevent information failure risks. In this cybersecurity master's degree specialization, you will be trained on incident handling, disaster recovery, business continuity, and much more.

Program Mappings to Certificates

The EC-Council University Master of Science Degree program prepares students to challenge the following industry certification exams:



According to PayScale, Disaster Recovery Analysts earn an average of \$86,300 per year, with salaries ranging from **\$42,500 to \$137,100**.

Potential Career Opportunities:

- IT Project Manager
- Disaster Recovery Analyst/Manager
- Cyber Defense Incident Responder
- Incident Handler
- Chief Information Security Officer

...and many more

DIGITAL FORENSICS

Course Overview

The Digital Forensics specialization blends academic excellence with hands-on expertise in investigating network intrusions, mobile forensics, digital evidence preservation, cyber law, and data recovery. Alongside mastering technical skills aligned with global cybersecurity standards, the curriculum also strengthens your leadership, management, and soft skills—empowering you to lead digital forensic investigations.

Program Mappings to Certificates

The EC-Council University Master of Science Degree program prepares students to challenge the following industry certification exams:



As of 2023, PayScale reports an average salary of \$68,901 for Digital Forensic Investigators, with the base package varying from **\$59,000 to \$132,000** annually based on one's location, experience, and skill set.

Potential Career Opportunities:

- ① Forensic Analyst
- ① Cyber Crime Investigator
- ① Cyber Defense Forensics Analyst
- ① Incident Responder
- ① Chief Information Security Officer

...and many more

EXECUTIVE LEADERSHIP IN INFORMATION ASSURANCE

Course Overview

The Executive Leadership in Information Assurance specialization focuses on providing the fundamental skills that are required to understand global leadership concepts, bringing together all the components required for a C-Level information security position, and providing students with the knowledge of how to manage IT security projects to enhance the success rate for both organizations and IT managers. This specialization mostly leads individuals to assume the position of CISO (and even CTO) at companies. In this information security master's specialization, you will be trained in global business leadership, executive governance and management, and project management in IT security.

Program Mappings to Certificates

The EC-Council University Master of Science Degree program prepares students to challenge the following industry certification exams:



An Information Assurance Security Officer ensures safe transmission and secure storage of system data and the average salary for this role is **\$79,462** per year, according to PayScale.

Potential Career Opportunities:

- ① IT Project Manager
- ② Chief Information Security Officer
- ③ Information Security Officer
- ④ Chief Security Officer
- ⑤ Information Assurance Security Officer

...and many more

Key Learning Takeaways

EC-Council University's cybersecurity master's degree program has been designed with the following objectives for students:

- 1** Application of cybersecurity technical strategies, tools, and techniques.
- 2** Adherence to a high standard of cybersecurity ethical behavior.
- 3** Use of research in both established venues and innovative applications.
- 4** Application of critical thinking skills.
- 5** Creative problem-solving behavior in the ever-changing environments of cyber security.
- 6** Mastery of the skills necessary to move into cybersecurity leadership roles.

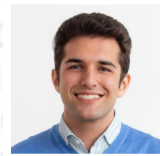
Past Student Experiences

“With a Master of Science in Cyber Security from EC-Council University, I not only switched careers from an IT engineer into cybersecurity but also got promoted twice, first as a security analyst and then as a cloud security engineer!”



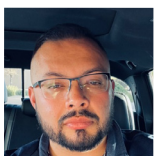
Takahiro O
Cloud Infrastructure Security Engineer,
PayPay Corporation, Japan

“My master's degree from EC-Council University helped me reach my career goals, get a promotion, and change my job.”



Luciano Gavoni
Cyber Security Researcher & PM
Cefriel, Italy

“I chose Master of Science in Cyber Security at EC-Council University for industry-standard certifications and 100% online courses. My experience was incredible!”



Isaiah Visarraga
Private Cloud Engineer,
ECS, USA

“Master of Science in Cyber Security from EC-Council University has significantly contributed to my interview selection process and professional growth.”



Bhekimpilo Mathema
Cloud Security Engineer,
Amazon Web Services,
South Africa

Distinctive Edge with the Transformative

Master of Science in Cybersecurity

U.S. Recognized Accredited University,
Ensuring World-class Education

Comprehensive
Industry-aligned Curriculum

Practical,
Hands-on Learning
with Virtual iLabs

Expert Faculty
and Renowned Industry
Practitioners

100% Online Degree
with Cutting-edge Learning Resources

Earn Sought-after Globally Recognized
EC-Council Certifications

Customize Your
Cybersecurity Expertise with Specializations

Transfer of Credits Program
and Scholarship Opportunities

Tuition Fees

Enrolling in EC-Council University's Master of Science in Cybersecurity is an investment in your future, paving the way for a successful and fulfilling career in cybersecurity. It's the first significant step towards achieving your goals.

TUITION FEES

Pay Less by completing your program faster

One Course Fee : **\$1620**

Number of Courses : **12**

TOTAL TUITION FEES*

\$19,440

What's Included!

- Books & Instructional Material
- Grammarly, a tool to Write Proficiently
- Weekly Live Online Classes
- Five Certification Exam Vouchers

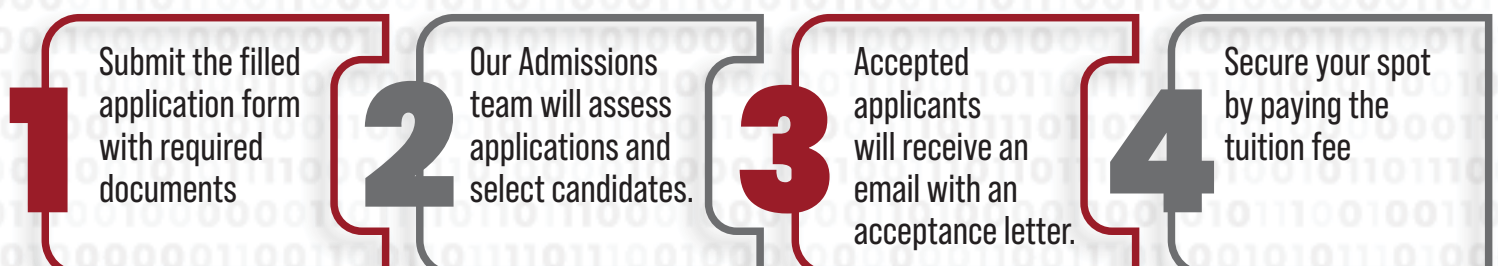
*Additional Costs

Technology Fee : **USD 50**
per term

iLAB Fee : **USD 50**
whenever needed

Regional scholarships are available. Enquire for more information.

EC-COUNCIL UNIVERSITY'S APPLICATION PROCESS



UNLEASH YOUR CYBER SECURITY POTENTIAL

Apply Now

AWARDS, ACCREDITATIONS AND RECOGNITIONS

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