

MASTER OF SCIENCE IN COMPUTER SCIENCE



Term begins on
July 6th, 2026



The Value of ECCU's Master's Degree in Computer Science

EC-Council University's Master of Science in Computer Science (MCS) covers a wide range of core and emerging computing disciplines. Designed to prepare you for the future of technology, the program strengthens your expertise in artificial intelligence, robotics, blockchain, data science, advanced computer programming, and more. This fully online master's degree also integrates robust cybersecurity coursework on ethical hacking, network security, and Linux security, giving you the opportunity to earn industry-recognized cybersecurity certifications that add immense career value.

By delivering a comprehensive foundation in today's most in-demand technologies, EC-Council University's MCS program equips you with the skills and knowledge to advance your career and achieve long-term professional success.





Master the Future of Technology

Become a future-ready computer science expert by gaining skills that employers are looking for:

01 Computer Programming

Master the coding foundations that power software engineering, AI, robotics, and blockchain innovation.

Explore the core technologies behind AI, from machine learning and deep learning to NLP and data visualization.

02 Artificial Intelligence

03 Data Science

Turn raw data into insights using modern techniques like data mining, clustering, classification, and algorithm design.

Defend digital assets by identifying vulnerabilities, performing penetration tests, and strengthening IT systems.

04 Ethical Hacking

05 Blockchain

Unlock the technologies behind decentralized systems, smart contracts, cryptography, and consensus mechanisms.

Build intelligent machines using AI-driven robotics, ROS, Python, navigation, and more.

06 Robotics

07 Soft Skills

Elevate your professionalism with strong communication, leadership, critical thinking, and problem-solving skills.



ECCU's Master of Science in Computer Science Program is Ideal for:



Career changers interested in IT/tech job roles



IT professionals seeking more advanced and future-proof job roles



Busy professionals who want to balance studies with work and personal commitments



Individuals interested in cybersecurity for AI, robotics, blockchain, and data science



Professionals aiming for senior and executive-level tech careers

Program Highlights



DURATION
18 - 24 months



NUMBER OF COURSES
12 (36 Semester Credits)



LEARNING FORMAT
Online / Hands-On



CERTIFICATIONS INCLUDED
Up to 3

Gain Globally Recognized Cybersecurity Certifications Along with Your Degree

ECCU's Master of Science in Computer Science program allows you to earn up to 3 EC-Council cybersecurity certifications in addition to your degree. This serves as validation of your credentials and enables you to qualify for highly specialized job roles at major corporations.



Common Job Roles

Certifications Included :



Scale Your Earning Potential

Experienced professionals with a master's degree in computer science can earn an annual salary between:

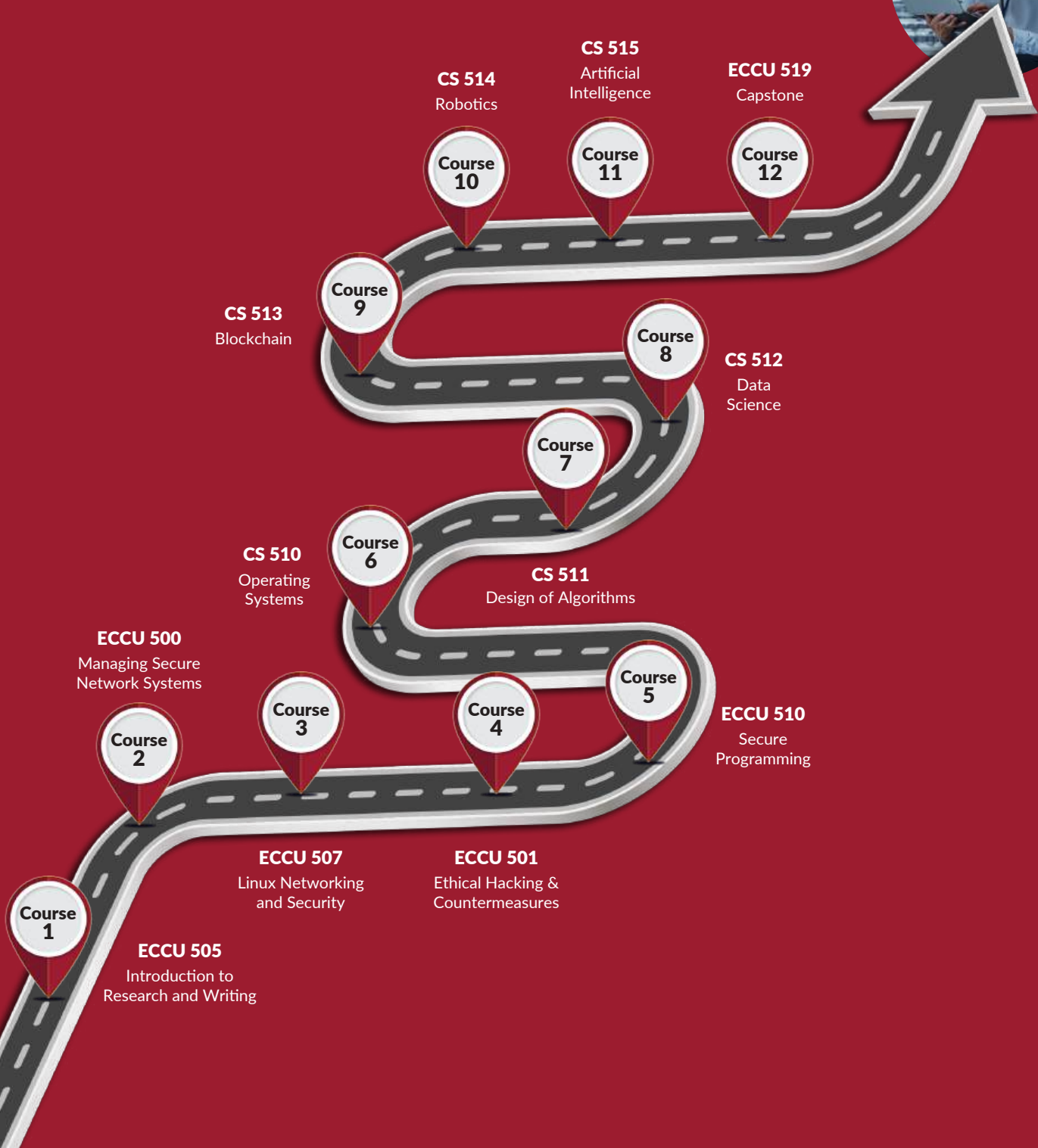
\$130,000 to \$180,000+

(Source: Salary Solver)



- IT Project Manager
- Systems Architect
- UI / UX Designer
- AI Product Manager
- IT Network Specialist
- Senior Software Engineer
- Ethical Hacker / Penetration Tester
- Systems Administrator
- Robotics Engineer / Technician
- Systems Security Analyst
- AI / ML Engineer
- Network Security Engineer
- Blockchain Developer
- Data Scientist
- Blockchain Security Engineer
- Cryptocurrency Analyst

Experience a Comprehensive Curriculum Taught by Industry Experts



Why Choose ECCU



93% of graduates get jobs at leading organizations after completing the program.



82% of graduates report career enhancement.



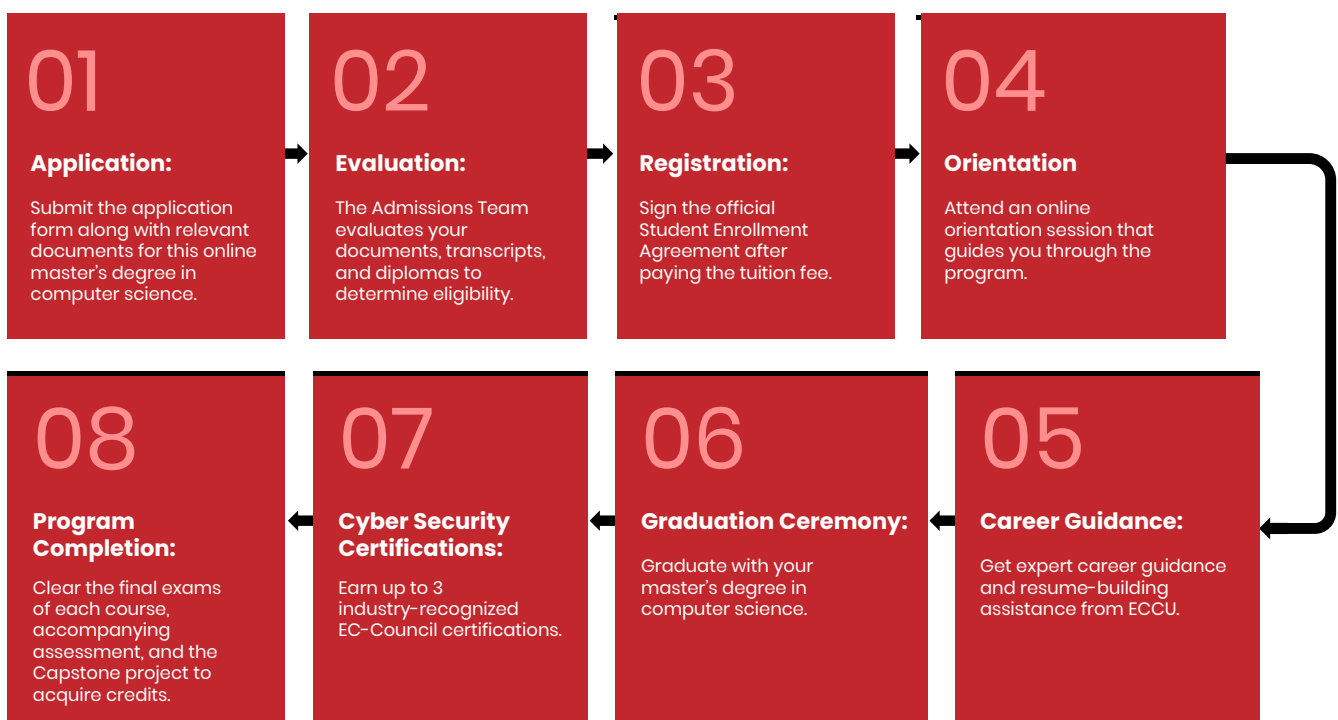
2 out of 3 graduates get new job roles within 6 months of program completion.



1 out of 2 graduates secure job roles paying \$100K+ annual salaries.

*Source: ECCU Consumer Information Disclosure Form

Your Roadmap to Career Success



Unveil the True University Experience!



**Flexible Online
Learning**



**Hands-On
Experience**



**Faculty of
Experts**



**Industry Aligned
Curriculum**



**Globally Respected
Certifications**



**Credit
Transfers**



**Scholarships
& Payment Plans**



**24/7 Access to
Learning Resources**



**International
Networking**



Meet Our Faculty



Jason Clark, Ph.D.



Yuri Diogenes, MS



Sandro Tuccinardi, JD



Adrianna Davis, MS



Brian McDaniel, MS



Julie Beck, MS



Franklin Orellana, DBA



Warren Mack, PhD

What Our Students Say

“

My experience at ECCU has been very positive and empowering. I found that studying here is very flexible and friendly. The learning environment is responsive and supports challenging coursework, which is good because I like to be challenged. The MCS program combines technical depth with practical applications, which allows you to be postured for your next promotion. That's what I love most about ECCU.

Unlike programs that focus solely on theory, ECCU emphasizes resume-boosting experience. The lab projects mirror real-world scenarios, which can add value to your resume. I think that's pretty awesome.

I absolutely recommend ECCU to anyone who wants a successful career in cybersecurity or computer science.

”



Retired Major Timothy Amerson

Master of Science in Computer Science Graduate
U.S.A.



EC-COUNCIL
UNIVERSITY
ACCREDITED. FLEXIBLE. ONLINE.

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