



**EAST BRIDGE  
UNIVERSITY**  
PARIS, FRANCE



# **Master of Science in Cyber Security**

# MASTER OF SCIENCE IN Cyber Security

---

Become an expert in data protection and digital security with East Bridge University's Master of Science in Cyber Security program. Learn cutting-edge skills in cyber threat detection, ethical hacking, AI-driven solutions, and safeguarding digital assets in the age of cyber threats.

Securing sensitive data has become more important in today's technologically driven world. The demand for skilled cybersecurity professionals is growing as cyber threats have become more advanced and harder to detect or prevent. East Bridge University's Master of Science in Cyber Security program is specifically designed to equip students with the advanced skillset required to face the evolving cyber threats. The program blends cutting-edge technologies like artificial intelligence, data analytics, cybersecurity and ethical hacking with practical, real-world applications to help you protect information systems and lead in the field of digital security.

## WHY PURSUE A Master of Science in Cyber Security?

- Understand complex cyber threats and how to prevent them in real-world systems.
- Master ethical hacking, digital forensics, and AI-driven security solutions.
- Apply cybersecurity principles to risk management and strategic decision-making.
- Build and secure digital infrastructures across industries.
- Create proactive security protocols for today's cloud, mobile, and IoT environments.
- Develop the skillsets required to identify impending cyber threats and strategies to prevent security breaches.
- Learn to leverage the latest technologies in threat detection, encryption, and building security architecture.
- Study 100% online, on your schedule, from anywhere in the world.



# ABOUT

## East Bridge University (EBU)

East Bridge University is a worldwide higher-learning educational institution that provides online and affordable higher education degrees, diplomas, and certified courses to all. Tailored to suit the changing needs of the 21st century, our programs are a unique blend of robust theoretical knowledge and real-world practical exposure. We aim to empower adult learners and professionals with the best industry-specific courses that enable them to navigate the dynamic and ever-evolving professional landscape seamlessly. At East Bridge University, we greatly foster critical thinking, analytical skills, and leadership qualities among our students.

East Bridge University is legally incorporated in Paris and has received authorization from the Rector Office of the Paris Academy, which is under the jurisdiction of the Ministry of National Education. This prestigious recognition positions EBU as a legitimate, respected, independent distance learning institution.

## WHAT MAKES EBU'S Programs Unique?



Find work-life balance with our online, flexible program.



The course is endorsed by global partners and education bodies.



Gain a deeper understanding of the functional disciplines of your profession.



Get the opportunity to conduct action-based research work solving real-world challenges.



Enhance your career prospects by earning academic credentials.



Be able to promote positive change and growth in your industry.



Become an industry expert and thought leader in your field.



Open your doors towards doctorate-level academic pursuits.



Address real-world problems with a strong academic understanding.

# EAST BRIDGE UNIVERSITY'S MEMBERSHIPS AND ACCREDITATIONS

## Membership



Association to Advance Collegiate Schools of Business (AACSB)



Continuing Professional Development (CPD)



British Quality Foundation (BQF)



European Association for International Education (EAIE)



European Council of Leading Business Schools (ECLBS)



International Vocational Education and Training Association (IVETA)



Association for Teacher Education in Europe (ATEE)



European Society for Research on the Education of Adults (ESREA)

## Accreditations



European Agency for Higher Education Advancement (EAHEA)



Education Quality Accreditation Commission (EQAC)



Edu.Int - Inter-Governmental Organization



International Association for Quality Assurance in Pre-Tertiary & Higher Education (QAHE)



International Education Accreditation Council (IEAC)



OTHM Qualifications



Mercosul Accreditation Agency (MACCA)



# MASTER OF SCIENCE IN Cyber Security

## Program Structure

### ► Foundation: (10 Credits)

- Conducting Accurate Internet Research
- Digital Transformation

### ► Core: (60 Credits)

- Machine Learning and Data Management
- Introduction to Artificial Intelligence
- Fundamental Security Concepts
- Ethics and Project Management in Tech
- Advanced Research Methods for Scientific Inquiry
- Language and Technology

### ► Specialisation: (40 Credits)

- Cyber Security and AI
- Cyber Security and Data Analytics
- Cyber Security Management
- Ethical Hacking and Cyber Security

### ► Capstone Project (Choose any 1): 10 Credits

- Prepare a paper on any topic by attending a live online webinar - 2000 words
- Attend any seminar on the specialisation subject in your region and create a reflective paper on the same - 2000 words
- Research Paper on a topic related to your subject - 2000 words



## Eligibility Criteria

To be eligible to pursue a Master of Science in Cyber Security, an applicant must meet the following criteria:

- A recognised bachelor's degree in any field, or its equivalent.
- Prior work experience and learning credits from previous courses.
- A basic English Proficiency Level (IELTS Level 5.0, or studied all subjects in English at High School, or at least 55% of marks in English at High School).
- Knowledge of conducting basic online research through internet browsing and proficiency in MS Word is desired.



# EAST BRIDGE UNIVERSITY

**Take part in building a safer digital world  
by outsmarting cyber threats and  
developin secure digital infrastructures.**

*Join the Master of Science in Cyber Security program at  
East Bridge University.*

*For more details, visit :*

<https://www.ebu.ac/master-of-science-in-cyber-security.php>



**contact@ebu.ac**



**www.ebu.ac**



**+33 1 85 14 96 41**

**Apply Today!**