

# PROSPECTUS

## VISION

The vision of the Elizabeth Sloane Institute of Technology (ESIT) is to make high-quality education affordable for all. As well as be recognised as a world-class higher education Institute that provides excellence and leadership in technology, training, research, development and innovation.

## MISSION

The mission of the Elizabeth Sloane Institute of Technology (ESIT) is to develop and enhance the capacity of professionals through innovative curriculum and research, which will advance their world and lives through gainful employment and valuable societal contributions.

## PHILOSOPHY

ESIT programs aim to address the challenges of the Fourth Industrial Revolution by enhancing students' preparation for in-demand professional careers, life-long learning and responsible participation in society. The programs are also structured so that the students will have twenty-first-century skills and disciplines to offer solutions to complex problems in Industry 4.0.



## OUR ACCREDITATION PARTNERS



**UCAM**  
UNIVERSIDAD  
CATÓLICA DE MURCIA



**Acacia  
University**  
ARIZONA



TRAINING  
OFFICIAL PROVIDER



## Graduate Programs



MASTER OF SCIENCE  
IN CYBER SECURITY



MASTER OF SCIENCE  
IN ARTIFICIAL INTELLIGENCE  
AND MACHINE LEARNING



MASTER OF SCIENCE  
IN BIG DATA AND  
BUSINESS INTELLIGENCE



MASTER OF BUSINESS  
ADMINISTRATION IN  
SECURITY TECHNOLOGY

Programs Accredited By:



**UCAM**  
UNIVERSIDAD  
CATÓLICA DE MURCIA

## Professional Certifications



Programs Accredited By:



**Acacia**  
University  
ARIZONA



TRAINING  
OFFICIAL PROVIDER



# WHY ESIT?



100% ONLINE



SELF PACED



FINANCIAL AID



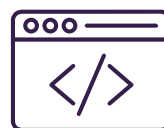
STRONG ICT COMMUNITY



IMMERSIVE RESOURCES



TRIPLE CERTIFICATION



STATE OF THE ART PROGRAMS



# METHODOLOGY



## DISTANT LEARNING

All our training programs are online to facilitate combining personal and professional life. Thus, students can access the training content through our Virtual Campus anywhere with the internet. All evaluations and final works are also submitted online. Once enrolled, our students obtain access to the ESIT Virtual Campus, where they can find all necessary academic resources, establish a direct line of communication with other students and teachers, access discussions, students, lecturers, tutorials, library, employment opportunities, and cybersecurity lab.



## EVALUATION

All our training programs are designed on a continuous quality training model to align with industry certification bodies, which supports our students in gaining adequate knowledge to advance in their careers. To facilitate the learning process, students will have access to manuals, live classes, video tutorials, ESIT Workroom, Tutorials with invited experts, multimedia resources to help with reinforcing and retaining information, as well as the personalised tutorials available from Monday to Sunday for any questions they may have. After each lesson on the different subjects, students will perform self-correcting exams to reinforce their learning. Once they pass the tests, they will hand in a final work product for each subject so that our teaching staff can evaluate the acquired knowledge. Students must pass all evaluation exercises to obtain certification from our training programs.



# ADMISSIONS

To access any of our Master's programs, applicants must meet the following requirements:

- Must have a bachelor's degree or Five (5) years of proven senior management professional experience.
- Complete application form

# FINANCIAL AID

Payments are made directly to ESIT by bank transfer. Students generally need a creditworthy co-signer. Diplomas' are used as collateral. At ESIT, we believe that education should be available to everyone. This is why we have a financial aid system for our Master's students. Financial aid is directly connected with research and is limited based on merit and need. The list of finances is as follows:



## STUDENT LOANS

Payments are made directly to ESIT by bank transfer. Students generally need a creditworthy co-signer. Diplomas' are used as collateral.



## PAYMENT PLANS

Students are given 6 easy payment schedules over the course of 12 months.



## SCHOLARSHIP

ESIT offers several scholarships based on need, achievement, affiliation, and/or a myriad of other criteria that are awarded to students each year.

### MELANIE V. WYNTER AWARD

The Melanie V. Wynter Award "Return to Learning" scholarship is offered to assist female teachers in completing a master's degree. Students must reside in the Caribbean, Africa and Asia to apply and continue their education after a significant interruption. Special consideration is given to women who demonstrate strong academics, financial need, and an interest in STEM. For their tenure, they must present a quarterly white paper focusing on Cyber Security, Data Privacy or Security Technology.

### LAURYN C. POYSER AWARD

The LCP Award focuses on broadening the number of traditionally underrepresented groups in the management and operation ranks of the Edtech, Agritech, Fintech or software development industry. Eligible candidates must have a declared major or experience in software development and cyber security, data privacy, or product engineering.

Applicants must submit a 500-word essay discussing the role they hope to play in advancing the future of Edtech, Agritech, Fintech or Security Technology. As well as detail a legacy project they will execute if awarded. For their tenure, they must present a quarterly white paper focusing on Cyber Security, Data Privacy or Security Technology.

### COURTNEY JACKSON AWARD

The Courtney Jackson Award is an international graduate programme that enables outstanding young Commonwealth professionals to study at the Elizabeth Sloane Institute of Technology. Applicants must meet the following criteria:

1. Academic Excellence.
2. Demonstrate mastery in software development, debate, mathematics, technical literature and engineering pursuits, particularly where security products are developed.
3. High integrity and moral force of character and instincts to lead and to take an interest in humanity.

### NNEKA JACKSON AFRO-FUTURISM SCHOLARSHIP

The Nneka Jackson Afro-Futurism Scholar operates exclusively for educational purposes, especially studying, researching, and disseminating information concerning futuristic science and technology development. Caribbean, African or Black American students actively pursuing graduate degrees related to careers in Technology at ESIT are eligible to apply. Scholarships are awarded based on academic achievement, leadership, school and community service, extracurricular activities, and expressed interest in the study of CreaTech, Food, and Intellectual Property (IP) Distribution.





## MASTER OF SCIENCE IN CYBER SECURITY

🕒 Duration: 18 months

🕒 Credits: 60 ECTS

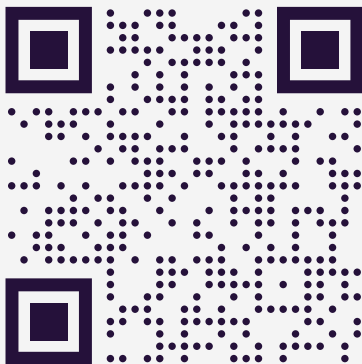
📖 Cost: 4,850 USD

## CERTIFICATIONS

- American Executive Education in People Management and Performance
- (ISC)<sup>2</sup> Certified Cloud Security Professional (CCSP)
- European Graduate Diploma

## ACCESS

- Weekly Tutorial
- Online Library
- Cybersecurity Lab
- Tutor Support
- Career Opportunities



SCAN QR TO REGISTER

## INTRODUCTION

This Master's degree curriculum is a carefully designed sequence of hands-on technical courses, management courses with leadership experience, student-designed research, presentation opportunities and a suite of professional certification. The Master of Science (MS) in Cybersecurity is a two-year program designed to prepare individuals with undergraduate degrees in technology disciplines for responsible leadership roles in technology-based and information-based workplaces.

The Master of Science in Cybersecurity degree equips technology professionals to assess the security needs of information and network systems and then manage the implementation and maintenance of the recommended security solutions. Our holistic approach to cybersecurity develops students' understanding of information security technologies and cybersecurity's economic, legal, behavioural, and ethical impacts. Students graduate as competitive candidates in the job market with connections to ESIT alumni and ICT professional recruiters.

## OBJECTIVE

This program is designed to be completed while you work full time, applying the cyber security concepts and the technical skills you learn in class on the job. To help you balance work, school, and life, this curriculum is offered 100% online with the ability to attend hybrid ESIT Tutorials.

## MODULES

- Security Essentials
- IT Security Planning, Policy, Leadership
- Defensible Security Architecture Engineering
- Managing Human Risk
- Incident Management
- Advanced Technical Research & Communication
- Implementing & Auditing the Critical Security Controls
- SIEM with Tactical Analytics
- Defending Web Applications
- Cyber Defence Operations
- Data Protection and Privacy Management





## MASTER OF BUSINESS ADMINISTRATION IN SECURITY TECHNOLOGY

⌚ Duration: 18 months

🕒 Credits: 60 ECTS

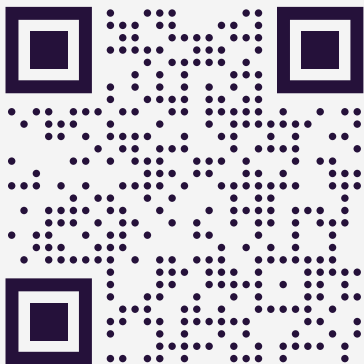
📖 Cost: 4,850 USD

## CERTIFICATIONS

- American Executive Education in People Management and Performance
- (ISC)<sup>2</sup> Certified Cloud Security Professional (CCSP)
- European Graduate Diploma

## ACCESS

- Weekly Tutorial
- Online Library
- Cybersecurity Lab
- Tutor Support
- Career Opportunities



SCAN QR TO REGISTER

## INTRODUCTION

The MBA in Security Technology aims to provide strategic and global vision to IT Managers and Executives, as well as to give knowledge on various departments of the company, such as HR, Finance, Operations, Sales, Trade, Marketing, Coaching and Career Development.

## OBJECTIVE

This program is designed to be completed while you work full time, applying the cyber security and data privacy concepts and the technical skills of leading an organisation. To help you balance work, school, and life, this curriculum is offered 100% online with the ability to attend virtual ESIT Tutorials.

## MODULES

- Strategic Management
- International Accounting Financial Management
- Personnel Management and Organizational Behaviour
- Legal Business Environment
- Situational Response
- Data Protection and Privacy Management
- IT Security Planning, Policy, Leadership
- Project Planning & Processing
- Information Technology Project Management
- Marketing
- Security Essentials
- Incident Response
- Venture Funding



## MASTER OF SCIENCE IN BIG DATA AND BUSINESS INTELLIGENCE

⌚ Duration: 18 months

🕒 Credits: 60 ECTS

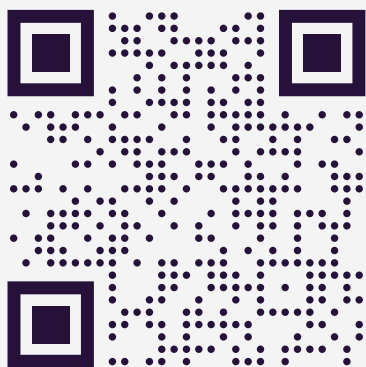
📖 Cost: 4,850 USD

## CERTIFICATIONS

- American Executive Education in People Management and Performance
- (ISC)<sup>2</sup> Certified Cloud Security Professional (CCSP)
- European Graduate Diploma

## ACCESS

- Weekly Tutorial
- Online Library
- Cybersecurity Lab
- Tutor Support
- Career Opportunities



SCAN QR TO REGISTER

## INTRODUCTION

The Master of Science in Big Data and Business Intelligence aims to provide students with a global and globalised view of Big Data technologies and their usefulness for achieving business objectives. It also provides applied and practical training in analytical techniques for marketing, preparing the student for the current demand in the workplace that requires professionals to handle large volumes of data.

The Master of Science in Big Data and Business Intelligence is for those professionals who wish to acquire knowledge in the interpretation and use of Big Data oriented to marketing. Graduates in Telecommunications, Information Technology, Physics, Mathematics, Advertising, Marketing, Public Relations, Business or related.

Big Data oriented to marketing. Graduates in Telecommunications, Information Technology, Physics, Mathematics, Advertising, Marketing, Public Relations or Business related.

## OBJECTIVE

This program is designed to be completed while you work full time, applying the cyber security and data privacy concepts and the technical skills of leading an organisation. To help you balance work, school, and life, this curriculum is offered 100% online with the ability to attend virtual ESIT Tutorials.

## MODULES

- Web Positioning
- Marketing
- E-commerce
- Customer Analytics
- Corporate Social Responsibility
- Community
- Management
- ETL Process
- Big Data Marketing
- Big Data
- Business Intelligence



MASTER OF SCIENCE  
IN ARTIFICIAL  
INTELLIGENCE  
AND MACHINE  
LEARNING

⌚ Duration: 18 months

🕒 Credits: 60 ECTS

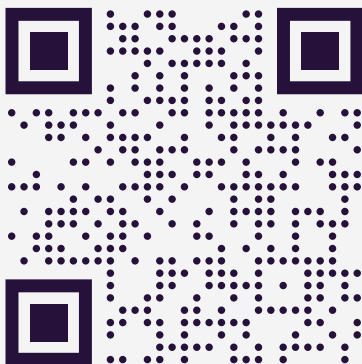
📖 Cost: 4,850 USD

## CERTIFICATIONS

- American Executive Education in People Management and Performance
- (ISC)<sup>2</sup> Certified Cloud Security Professional (CCSP)
- European Graduate Diploma

## ACCESS

- Weekly Tutorial
- Online Library
- Cybersecurity Lab
- Tutor Support
- Career Opportunities



SCAN QR TO REGISTER

## INTRODUCTION

The Artificial Intelligence (AI) and Machine Learning (ML) course outlines are designed for postgraduate students majoring in Science, Technology, Engineering, and Mathematics (STEM). Students from other fields are welcome to learn new ideas. This outline is intended for a degree program focusing on developing skills and knowledge in AI and ML fields.

The program provides a solid foundation in computational intelligence and soft computing techniques, fundamental computer science subjects such as algorithms, networking, advanced Computer Networks, Computer Architecture, basic graph theory, algorithms, and web technologies. Students will also gain knowledge and expertise in diverse fields of AI and ML through this program.

## OBJECTIVES

- To build analytical reasoning and critical thinking foundations with a focus on Artificial Intelligence and Machine Learning
- To strengthen research and innovation in industry 4.0 space.
- To train professionals to design and develop solutions to address real-life problems and make global impacts.

## MODULES

- Big Data and Data Analytics
- Nature Inspired Computation
- Computational Intelligence
- Robotics and AI Systems
- Foundations of Data Science Modelling and Simulation
- Deep Learning
- Cloud Computing

## OUR LOCATIONS

### Europe Office

Cuzco IV, Pasceo de  
Castellana 141 - 5 floor,  
Madrid,  
Spain

### US Office

3705 W Pico  
Boulevard #448,  
Los Angeles,  
United States

### Africa Office

Presidential Floor Mövenpick  
Ambassador Hotel Accra  
Independence Avenue,  
Ridge Accra,  
Ghana

### Carribean Office

106 Maxfield Avenue  
Kingston,  
Jamaica

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