East Bridge University
PARIS, FRANCE

Master of Science in
Data Science

MASTER OF SCIENCE IN
Data Science

Become a data-driven innovator, strategic analyst, and AI-savvy problem solver with our Master of Science in Data Science program, where advanced analytics, machine learning, and innovation intersect to shape tomorrow's solutions.

In the ever-expanding world of data and technology, it has become essential for professionals to develop strong technical skills that help drive smart decision-making. With organisations relying more than ever on data to streamline operations and boost performance, the demand for data-savvy professionals continues to grow rapidly. At East Bridge University, we have carefully structured our program to offer students a solid foundation in data science principles, combined with practical knowledge in machine learning, data mining, and artificial intelligence. A well-rounded data science education is the right mix of theory, application, and critical thinking. It enables learners to solve complex problems, uncover insights, and support innovation within any industry they work in.

WHY PURSUE A
Master of Science in Data Science?

- Build an in-depth understanding of data analytics, machine learning, and Artificial Intelligence.
- Equip yourself with the skills to leverage data to address real-world challenges.
- Master techniques like data mining, pattern recognition, and predictive modelling.
- Develop skillsets that enable you to work with complex datasets across industries
- Enhance your problem-solving skills to tackle challenges in data security and management.
- Gain hands-on experience through research projects and a capstone assignment.
- Learn how data science helps to uncover business intelligence and human behaviour.
- Stay ahead of the curve with skills that are in demand across finance, healthcare, and tech.
- Study 100% online, at your own pace, 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 approval 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
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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)**
- ☐ Data Analysis Techniques
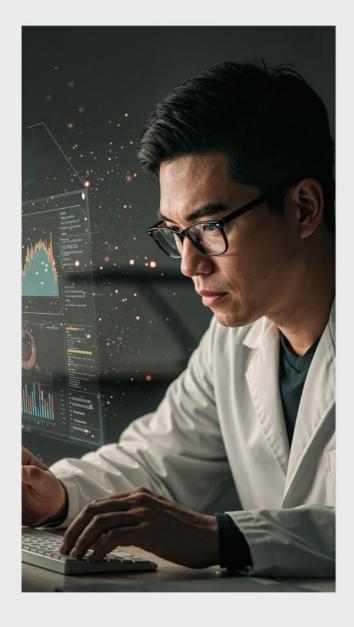- ☐ Data Mining
- ☐ Behavioural Data Science
- ☐ Ethics & Policy in Data Science

▶ **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 Data Science, 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

Step into the dynamic career of a data scientist, where numbers build narratives and drive innovation across industries.

Join the Master of Science in Data Science program at East Bridge University.

For more details, visit :
https://www.ebu.ac/master-of-science-in-data-science.php

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Apply Today!