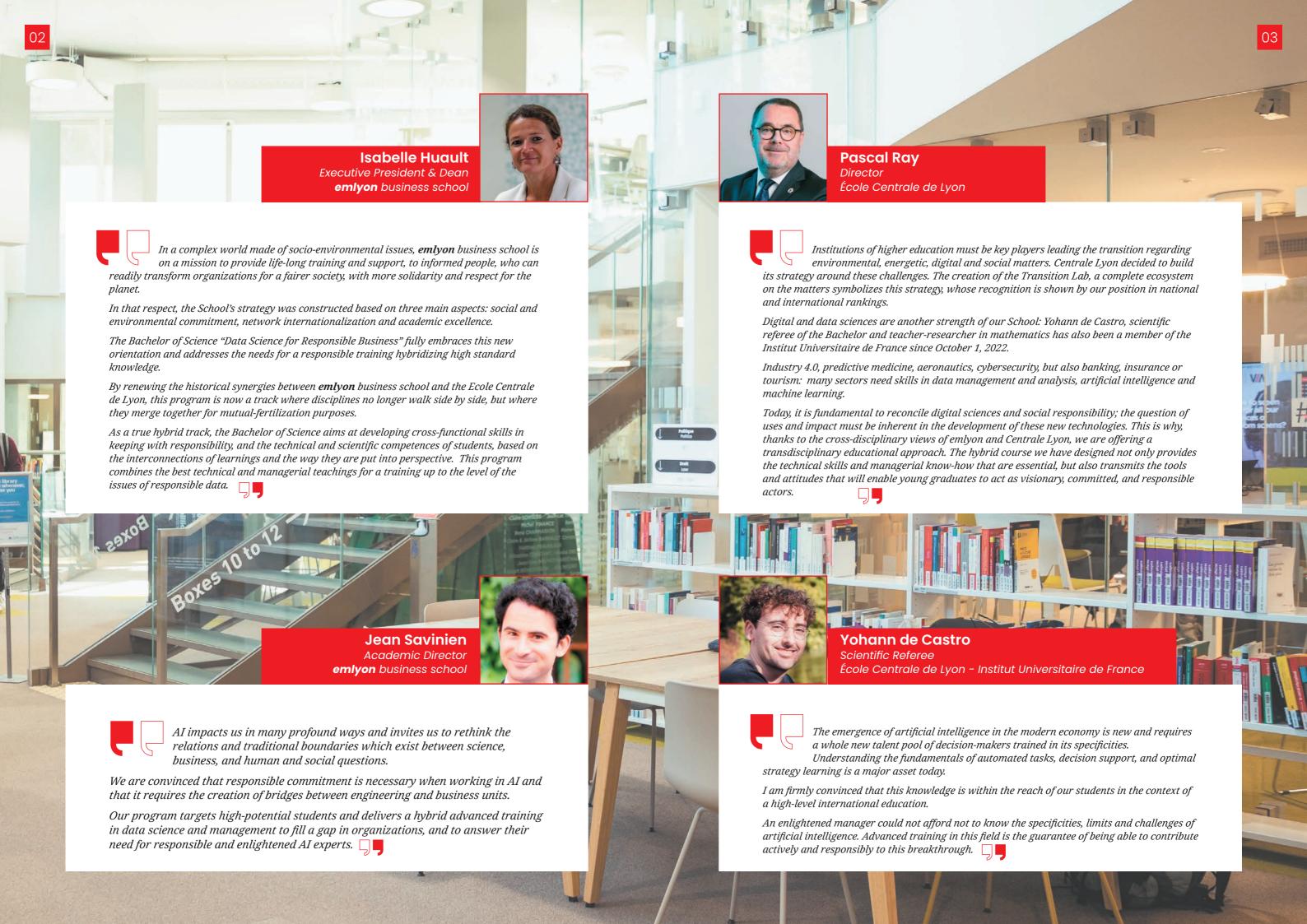
em lyon business school





early makers since 1872

Bachelor of Science in Data Science for Responsible Business



Key points

emlyon business school

Top 1% of business schools worldwide

accredited AACSB, EQUIS, AMBA



9,020

students



French business school for global employability

Times Higher Education 2021



Lyon, Shanghai, Saint-Étienne, Paris, Bhubaneswar and Mumbai



articles per year in international scientific papers



38,600

graduates in 130 countries

École Centrale de Lyon



3,040

students

Shanghai Global **Ranking of Academic Subject** 2021:

76-100 in mathematics teacher-researchers and teachers

teacher-

members of the IUF (Institut Universitaire de France) since 2007

researchers

research agreement



articles per year in international scientific journals

Bachelor of Science Data Science for Responsible Business key points

The **Bachelor of Science Data Science for Responsible Business** is a 4-year Bachelor's Degree of excellence in data science and management. For those looking to pursue with higher education, this programm can be a passageway to some of the best Master's Degrees.

The Bachelor of Science targets high-potential students and delivers a hybrid advanced training in data science and management to fill a gap in organizations and answer their need for responsible and enlightened Al experts.

The pedagogy of the program is applied and action oriented (individual and group projects, business games, flipped classrooms...). Students will learn the best professional practices of AI and get a real know-how of data science through concrete business projects and responsible Al missions within companies, organizations, and research labs.



For what type of students?

For high-school or Baccalaureate students and graduates with a specialty in **Mathematics and** Science

Program highlights

- + Dual skills in business and engeneering
- + Integrated pedagogy
- Concrete vision of professionnal and human impacts of AI and data science
- + Management of concrete business projects
- + Strong internationalization
- + Numerous internships
- + Supportive alumni community

Program structure

Mathematics & Computer Science Fundamentals 3-month Year internship in NPO **Fundamentals of Responsible Business** Data Science | Technologies of Al 3-month Year internship in tech Business Practice & Corporate Social Responsibility Semester Abroad Advanced Language Models | Modern Trends in Al 3-month **Year** track 3 internship Digital Business | Corporate Law Research Missions | Tech Seminars 6-9 month **Year** internships **BSc Thesis** Innovation | Human & Machine Cognition

It is possible to validate this diploma by blocks of competencies.

Program tracks

Data scientist

Students work in partnership with a company on a full-scale data science project during a year, join the company during their summer internship, and deliver their solution to the company.

Research

Students work in partnership with a research lab on a research project tutored by a researcher. They join the lab during their summer internship. Partner research labs include the "Institut Camille Jordan" (mathematics) and "Laboratoire d' InfoRmatique en Image et Systèmes d' Information" (computer science) from the University of Lyon.

Data not available, as the first cohort will begin in September 2023.

Entrepreneurship

Students are trained and supported by the incubators of **emlyon** business school and **École Centrale de Lyon** to start their own businesses. They work full time developping their company during their summer intership.



How can I join the program?

Apply online on https://em-lyon.com/

Terms of admission

You are eligible to the **Bachelor of Science in Data Science for Responsible Business** if you are:

- a holder or future holder of the French baccalaureate with a specialty in Mathematics and Science
- a holder or future holder of an international diploma accepted as equivalent to the baccalaureate with a specialty in Mathematics and Science

This program is eligible for VAE (APEL: accreditation of prior experiential learning), find all the information on em-lyon.com

Tuition fees

For September 2023

Tuition fees: €12,500 per year Student services fees: €450 per year Total tuition fees: €12,950 per year

This tuition and fee charges are in effect for the 2023-2024 academic year and are subject to change for future years. All indicated fees include tuition, student services fees, enrolment fees, academic expenses, and lifelong membership of **emlyon** business school alumni network.

Admission path

Selection for the **Bachelor of Science in Data Science for Responsible Business** is competitive, and follows a full online admission process.

You are first evaluated on the content and quality of your High School course work, your grades, your English proficiency. After successfully submitting your application online, you will then take an online admission test.

Learn more about our admission process on: https://em-lyon.com/



For personalized information, please contact our advisors:
Admission Department
Tel: +33(0)4 27 40 50 20
Email: bscdata@em-lyon.com

You are temporarily or permanently disabled? Please contact our teams at handicap@em-lyon.com to study how you can integrate the program

emlyon business school campuses

LYON-ECULLY

23 avenue Guy de Collongue - CS 40203 69134 Ecully cedex - France em-lyon.com

SHANGHAI

Asia Europe Business School 155 Tan Jia Tang Road Minhang District Shanghai 201199 - People's Republic of China www.em-lyon.com.cn

SAINT-ETIENNE

51 cours Fauriel - CS 80029 42009 Saint-Etienne cedex 2 – France bba.em-lyon.com

PARIS

15 boulevard Diderot 75012 Paris – France **em-lyon.com**

BHUBANESWAR

Xavier City Campus Plot No:12(A) - Nijigada - Kurki – Harirajpur Pin: 752050 - Dist.-Puri - Odisha – India **xebs.edu.in**

MUMBAI

St Xavier College 5 Mahapalika Marg Mumbai 400-001 - Maharashtra - India **xebs.edu.in**

Ecole Centrale de Lyon campus

36 avenue Guy de Collongue 69134 Ecully cedex - France www.ec-lyon.fr















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