

emlyon business school and École Centrale de Lyon launch a Bachelor of Science in Data Science for Responsible Business

In September 2023, emlyon and Centrale Lyon will open the [BSC in Data Science for Responsible Business](#) on the Lyon-Ecully campus. This **post-secondary program**, situated at the crossroads of the business world and emerging technologies, aims to train students to harness **data science and AI** to serve responsible businesses and achieve **more sustainable development**.

A hybrid program focused on social and environmental responsibility

emlyon business school and École Centrale de Lyon have jointly developed a hybrid program that interweaves **engineering and management science** to address organizations' **economic and socio-environmental challenges**.

In the first two years of the Bachelor of Science, which are taught in English, students acquire and hone their skills in the **fields of AI, data science and responsible management**. In their third year, students will be able to choose one of the **three specialization tracks**:

- **Data Science**: students develop a data science project in partnership with a company;
- **Research**: students undertake study and research in partner laboratories;
- **Entrepreneurship**: students develop a business start-up project underpinned by the [incubators](#) run by emlyon and Centrale Lyon.

On the strength of their total of 15 to 18 months of internships, the students completing the **BSc in Data Science for Responsible Business** will be equipped to apply for positions as **Big Data Analyst, Data Analyst, Data Scientist, Data Science and AI Consultant** or **AI Project Manager**. These job fields are all highly sought after by companies and organizations both in France and around the globe.

For Yohann De Castro, the program's scientific advisor and a professor at Ecole Centrale de Lyon: "**Artificial intelligence** plays a central role in our economy and our lives. A knowledge of its distinctive features, its limitations and its challenges is an undeniable asset for our future decision-makers."

Jean Savinien, Academic Director of the program and a professor at emlyon business school, adds: "We firmly believe that AI requires us to build gateways between **engineering and management**, and that it must be used to meet social and environmental commitments. The BSc in Data Science for Responsible Business is a hybrid program to train future AI experts who are informed and responsible."

Aligned strategies and a historic collaboration

Higher-education institutions must be key players in the **environmental, energy, digital and social transition**. emlyon and Central Lyon have decided to construct their respective

strategies around these issues. Today, the two excellence-oriented establishments have the same policy focuses and are renewing long-standing synergies as they work towards a common goal.

Pascal Ray, Principal of École Centrale de Lyon, says: *“Today it is fundamentally important to reconcile **digital science and social responsibility**; the question of applications and impacts must be inherent to the development of new technologies. This is why, thanks to the cross-cutting nature of emlyon and Centrale Lyon, we propose a **cross-disciplinary teaching approach**. The hybrid course that we have designed together not only provides essential technical skills and managerial know-how, it also equips young graduates with the tools and behaviors that will enable them to act as a **visionary, committed and responsible stakeholder**.”*

Isabelle Huault, Executive President and Dean of **emlyon** business school: *“In this course, the disciplines are not distinct subjects taught independently: they are interconnected in an effort to foster cross-fertilization. The **Bachelor of Science** combines the best teaching in engineering and management to deliver training that is commensurate with the socio-environmental issues at stake. The program also fuels the **spirit of enterprise and commitment** through teaching that is underpinned by experience and application on the ground, where each student can find their own path, map out their career plan and contribute to the **enlightened transformation of society**.”*

The Bachelor of Science in a nutshell

- For young people who have either obtained or are in their final year of study towards a “scientific” baccalauréat (maths and science)
- Taught in English
- Duration: 4 years
- Internships: minimum of 15 months spread over the four years (maximum of 18 months)
- Next intakes: September 2023
- <https://masters.em-lyon.com/en/bsc-data-science-responsible-business>

About the Ecole Centrale de Lyon:

The Ecole Centrale de Lyon is among the top 10 of engineer schools in France. The training provided is based on the excellence of the research of six CNRS-certified laboratories located on its campuses. With its shared spirit of openness in all establishments of the Ecole Centrale group, and its high-level teachings, the school is now renowned nationally and internationally, among numerous companies and prestigious universities with which double degree agreements have been signed off. The school’s campuses in Ecully and Saint-Etienne include over 3,000 students, 330 researcher-professors and 290 staff members.

www.ec-lyon.com

About emlyon business school:

Founded in 1872 by the Lyon CCI, emlyon business school has an enrollment of 9,020 students of 125 nationalities over 6 campuses worldwide (Lyon-Ecully, Saint-Etienne, Shanghai, Paris, Bhubaneswar and Mumbai). emlyon draws on a Faculty of 172 international professors and researchers, and a network of 190 global academic partners, to provide learning tracks of excellence and open to the world. emlyon runs a community of 38,600 alumni spread out in 130 countries. As a Société à Mission since July 2021, emlyon’s raison d’être consists in: *“providing life-long training and support to meaningful individuals able to transform organizations, for a fairer society, with more solidarity and respect for the planet.”* In its early makers pedagogy, action and reflection are closely intertwined. Skill hybridization and social responsibility are at the heart of its training programs, where the best of both socio-economic and academic worlds meet.

www.em-lyon.com



PRESS RELEASE
October 6th, 2022

Press contacts:

emlyon business school:

Julie Guillot – guillot@em-lyon.com - +33 (0)6 45 23 23 04

Bluesky Education for emlyon:

Peter Remon - peter@bluesky-pr.com - +44 (0)1582 797 956