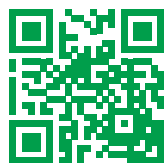




Frankfurt School

MASTER IN APPLIED DATA SCIENCE



Learn more

[➔ www.fs.de/mads](http://www.fs.de/mads)

Degree: Master of Science (MSc)

Target audience

We welcome graduates or young professionals who aspire to develop cross-functional business problem solving skills by applying machine learning technology and data science to navigate the modern data ecosystem. Many of our students hold degrees with a focus on computer science, statistics, mathematics or logic. Candidates with degrees in unrelated fields should show strong quantitative skills.

Highlights

- A combination of applied Machine Learning, Data Science and Business Problem Solving
- Extended company projects on real-life cases in cooperation with leading companies throughout semester 3
- Ethical ramifications of the fourth wave of industrialisation
- A unique time model that permits you to work three days a week while pursuing a full-time master's degree (3-day model)
- Hackathons with international cooperation partners



FRANKFURT

Location

120

Credits

24 AUGUST

Programme start

4

Semesters

(full-time / 21 months + thesis
3-semester track available)

ENGLISH

Language of instruction

30 JUNE

Application deadline

Requirements

- Bachelor's degree or equivalent
- Excellent written and spoken English skills (Minimum TOEFL iBT 90, IELTS 7.0, or equivalent)
- GMAT, GRE, or Frankfurt School Admissions Test
- Successful participation in our admission interview

Tuition fees

Total price	32,500 €
Early Bird discount by 30 November	4,000 €*
Early Bird discount by 31 March	2,000 €*

*Terms and Conditions apply. See our website for more details.

Curriculum

MASTER IN APPLIED DATA SCIENCE

Semesters

1

Quantitative
FundamentalsAlgorithms &
Data StructuresIntro to Data
Analytics
in BusinessManaging &
Storing Big DataThe Language
of Business

2

Guided Studies in
Financial Management

Machine Learning 1

Visualizing
Big DataAI & Humanity:
The Ethics of Data Science

Machine Learning 2

3

Strategy

AI - The New Frontier

Text Mining &
NLP

Elective

Cooperation Company Project

4

2 Electives or Semester Abroad

Master Thesis

 Core Modules

 Electives

 Cooperation Company Project
Study abroad option:

You have the option to use the credits from your electives in semester 4 to study abroad.

All information is intended to provide a general overview of the study programme. Frankfurt School of Finance & Management reserves the right to modify the curriculum, the schedule or any parts thereof. The same applies to the tuition fees and internal and external examination fees.