BACHELOR IN COMPUTATIONAL BUSINESS ANALYTICS (BSC)

Frankfurt School

Learn more
↗ www.fs.de/cba

Description

The combination of Artificial Intelligence, Big Data and strong computing power is changing the business world. In response to these changes, we are now offering the Bachelor in Computational Business Analytics (BSc) at Frankfurt School. Whilst data scientists are in high demand, business-savvy data scientists are among the most sought-after professionals worldwide. Understanding the business and data science aspects of complex issues is critical to a rapidly increasing number of businesses across all industries.

Furthermore, you will have the opportunity to choose from one of our numerous concentrations to specialise further in the course of your studies: Banking & Finance, Consulting & Finance, Innovation & Entrepreneurship, Sustainability, Marketing, Corporate Governance und Compliance*, and Strukturierung von Transaktionen*.

FRANKFURT
Location

SEPTEMBER
Programme start

TIME ABROAD
1 Semester + internship

210
Credits

7
Semesters
(full-time)

EUR 7,700
Tuition Fee
(per semester)

Study model

Full-time model
Study language: English

Requirements

Recognised high school diploma
- e.g. German "Abitur", IB Diploma or equivalent

Participation in our Assessment Centre
- or SAT, ACT or TestAS plus a standardised English test and an interview

Motivation letter
- Maximum 500 words (optional, however recommended)

CV (Resume)

↗ www.frankfurt-school.de

Tuition fees

Enrolment fee	EUR 100
Semester fee	EUR 7,700

Monthly installments possible.
Tuition fee for semester abroad may differ.

Dates

Application deadline	30 June

Curriculum

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Semesters					
1	Principles of Management	Financial Accounting	Analytical Thinking & Critical Reasoning	Mathematics	Introduction to Data Science
2	Principles of Finance	Microeconomics & Decision Theory	Statistics & Probability	Algorithms & Software Concepts	Database Systems & Data Management
3	Operations Management	Managerial Accounting	Big Data: Ethical & Legal Implications	Data Collection & Games and Incentives	Computational Statistics
4	Corporate Finance	Macroeconomics	Marketing	Machine Learning	Data Visualisation
5	Semester abroad & Internship with international experience				
6	Deep Learning Elective	Academic Skills Module	Concentration		
7	Data Science Elective	Data Science Elective	Elective	Thesis	

Core Modules

Concentration Modules

Electives (In semesters 6 and 7 students specialise further by choosing modules from a wide range of topics.)

*This concentration is in German.

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