



# **BSC IN COMPUTATIONAL BUSINESS ANALYTICS**



Frankfurt School

# FRANKFURT SCHOOL

## THE PROGRAMME

#1

Business School for  
employability in Germany <sup>1</sup>

#3

For Business Administration  
in Germany <sup>2</sup>

#1

Business School  
in Germany <sup>3</sup>



More information at

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

### German Excellence. Global Relevance.

Frankfurt School of Finance & Management is an AACSB, AMBA and EQUIS-accredited private business school.

Our mission is to enable individuals and organisations to flourish and grow. We are a vibrant community, committed to developing lifelong partnerships and to creating new perspectives in finance and management for a sustainable future. Frankfurt School was creatively designed to encourage and foster productivity by providing you with state-of-the-art facilities, an optimal learning environment and ideal networking conditions.

➔ [www.frankfurt-school.de](http://www.frankfurt-school.de)

### Highlights

- Blend of technical data science expertise and management skills
- Pathway to tech-focused business career with diverse job opportunities
- Lecturers with substantial industry experience
- Lively discussion and interaction during classes

<sup>1</sup> THE (Times Higher Education) – Global Employability University Ranking 2022

<sup>2</sup> Wirtschafts-Woche – Hochschulranking 2023

<sup>3</sup> Eduniversal Ranking 2022

### The right programme for you

The combination of Artificial Intelligence, Big Data and strong computing power is changing the business world. In response to these changes, we are 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.

### Requirements

#### Recognised high school diploma

- e.g. German "Abitur", IB Diploma or equivalent

#### Participation in our Assessment Centre

#### Motivation letter

- Maximum 500 words  
(optional, however recommended)

#### CV (Resume)

### Career perspectives

Create your career path, choose the right concentration for yourself, find your way into the business world. Graduates can work in a variety of fields such as:

- Business Analytics
- Data Sciences
- Data Engineering
- Consulting



Learn more about  
the programme

➔ [www.frankfurt-school.de](http://www.frankfurt-school.de)

# CURRICULUM

# CONCENTRATIONS

## 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)

In your fourth semester, you will decide what subject you would like to specialise in for your sixth semester. You can choose among the following concentrations:

Innovation & Entrepreneurship	Consulting & Finance
Sustainability	Corporate Governance und Compliance*
Marketing	Strukturierung von Transaktionen*
Banking & Finance	

\* This concentration is in German.

All information is intended to provide a general overview of the study programme. Frankfurt School 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.

# CLASS PROFILE

# GENERAL INFO



Apply here!



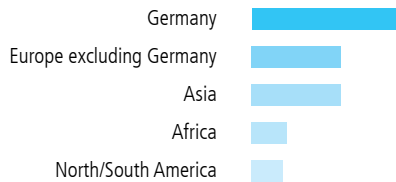
19

Average age

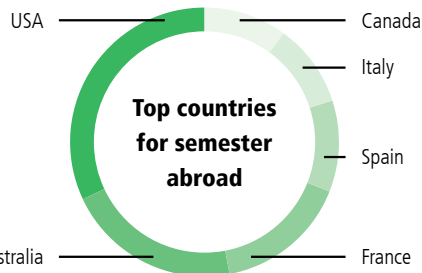


60%

International students



Nationalities



## FRANKFURT

Location

210

Credits

## SEPTEMBER

Programme start

7

Semesters  
(full time)

## TIME ABROAD

1 semester abroad + internship

EUR 7,800

Tuition fee  
(per semester)

### Study models

Full-time model  
Study language: English

### Dates

Application deadline ..... 30 June

### Tuition fees

Enrolment fee ..... EUR 250  
Semester fee ..... EUR 7,800  
Monthly instalments possible.  
Tuition fee for semester abroad may differ.

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## Frankfurt School of Finance & Management gGmbH

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[www.frankfurt-school.de](http://www.frankfurt-school.de)



Register for our next  
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