



Frankfurt School

# BACHELOR IN COMPUTATIONAL BUSINESS ANALYTICS (BSC)



Learn more

➔ [www.fs.de/cba](http://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. While data scientists are in high demand, business-savvy data scientists are among the most sought-after professionals worldwide. Understanding both the business side and data science side of complex issues and speaking fluently to people from both sides, is mission-critical to a rapidly increasing number of businesses across all industries.

## Study model

Full-time Model

Study language: English



## FRANKFURT

Location

210

Credits

## SEPTEMBER

Programme start

7

Semesters  
(full-time)

## TIME ABROAD

1 Semester + internship

7,050 EUR

Tuition Fee

## Requirements

Recognised secondary 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

Motivational Letter

- Maximum 500 words  
(optional, however recommended)

CV (Resume)

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

## Tuition fees

Enrolment fee ..... 100 EUR

Semester fee ..... 7,050 EUR

Monthly installments possible.

Tuition fee for semester abroad may differ.

## Dates

Application Deadline ..... 30 June

Curriculum

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Semesters

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

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

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.

