



COMPUTER SCIENCE

FOCUS ON BIG DATA AND ARTIFICIAL INTELLIGENCE

MASTER OF SCIENCE

STUDY PROGRAMME

Consumers, applications and businesses are generating an ever-growing amount of data that are hard to manage, yet these data are very important in today's competitive business environment. Companies that know what type of data to collect and how to use the data in order to develop successful management strategies are and will be ahead of the game.

This difficult task can only be solved by experts with proficient technological knowledge who know how to collect, store, analyse and visualise the relevant data. Not only do they need to be big data experts, they also need to understand how businesses and their decision-making processes work in order to implement successful business strategies and tactics.

During our new Master's programme our students learn how to analyse critical data, get to know the latest technologies and technological trends and know how to apply their knowledge to real business cases.

After learning some of the foundations in computer science, students focus on data analysis methods, big data technologies and machine learning applications. Case studies on Artificial Intelligence, projects with real industry partners, a profiling semester as well as an internship guarantee that "Big Data and AI" students receive both a theoretical and hands-on education that helps them build their soft, intercultural and communication skills.

Due to the high demand in the job market for people with data science and business skills as well as experience in the industry, graduates of the Bachelor of Science programme are sought-after specialists with many career opportunities in Germany and abroad.

UNIQUE FEATURES

- Contemporary curriculum that includes the latest AI & Big Data research, trends and technologies
- Students get to deepen their tech expertise and learn how to improve vital soft skills
- Plenty of hands-on work experience in projects, assignments and internships

AT A GLANCE

DEGREE

Master of Science (M.Sc.)

CREDIT POINTS

120 ECTS

DURATION

4 semesters

START

September
March

STUDY CONCEPT

Full-time

LANGUAGE

English

TUITION FEES

EU/EEA Students € 780 / month
Non EU/EEA Students € 900 / month

CAMPUS

Berlin

CUSTOMIZE YOUR STUDIES

We promote interdisciplinary thinking and studying through the extracurricular offers of our sister SRH universities in Berlin.

CURRICULUM

MASTER OF SCIENCE
COMPUTER SCIENCE WITH FOCUS ON BIG DATA & AI

1. Semester	2. Semester	3. Semester	4. Semester
Programming	Profiling Semester Big Data & Artificial Intelligence	Big Data Technology	Internship
Tools & Methods of Data Analysis		Machine Learning	
Software Development Process		Artificial Intelligence Use Cases	Master's Thesis
Business Game		Scientific Work	
Technology Project I		Technology Project III	
Company Project I		Company Project III	

COMPUTER SCIENCE KNOWLEDGE
 METHODS
 PROFILE & PRACTICE

STUDY ADVISOR



Gloria Thiller
Tel. +49 30 374 374-155
E-Mail: gloria.thiller@srh.de

SRH Hochschule Berlin
 Ernst-Reuter-Platz 10, 10587 Berlin
 Tel. +49 30 374 374 - 0

E-Mail: studyinberlin@srh.de
www.srh-hochschule-berlin.de

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ADMISSION & APPLICATION

The main admission requirements are:

- Bachelor's degree in Computer Science or Information Technology from a university or technical college with a minimum of 180 ECTS (or equivalent academic degree in the same area of studies)
- Proof of sufficient English language skills
We accept TOEFL, IELTS, TOEIC, CAE, CPE or equivalent.
- Letter of motivation

You can apply online at campus.srh-hochschule-berlin.de.
 We will then invite you to an interview.

STUDY FEES

The tuition fees are € 780 per month for EU /EEA students and € 900 per month for Non-EU/EEA students. There is an extra one-off fee of € 280 for our diversity training, a one-off career preparation fee of € 700 and a one-off € 350 enrolment fee (€750 Non-EU/EEA students). A fixed examination fee of € 2,400 is added to the tuition.

ABOUT US

Our university is located in central Berlin at Ernst-Reuter-Platz and offers Bachelor, Master and MBA programmes in English and German. Approximately 1,000 students from 85 nations study at SRH Hochschule Berlin, the most international management university in the German capital. In addition to an international atmosphere, our students enjoy the opportunity to get in touch with industry partners and create a professional network through internships and company projects. We offer a wide range of services to support you in finding an internship, organising a semester abroad and taking care of important tasks during your studies.