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SRH Berlin University of Applied Sciences
Berlin School of Technology

Computer Science: Big Data and Artificial Intelligence | M.Sc.

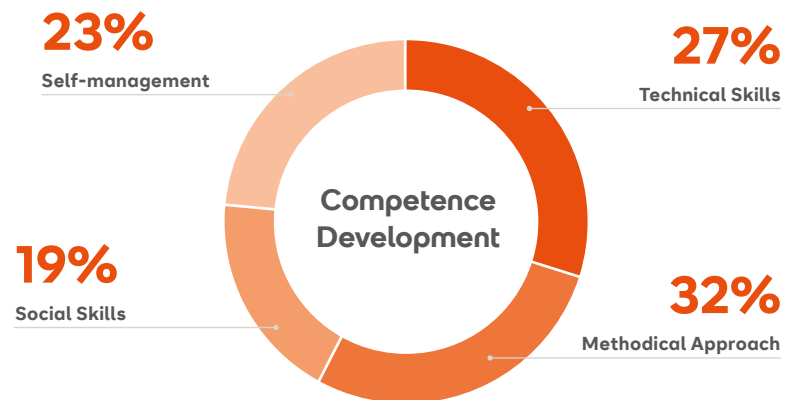
**Your choice:
2-year Master's
or Fast Track**

Our Unique Curriculum for You

This Master's programme provides a computer science education that includes classic modules such as software development and programming yet teaches specialised knowledge regarding Big Data and Artificial Intelligence. You will get to know the latest big data technologies and learn how to implement AI and machine learning tools in the business environment. In addition to technological expertise you get to deepen your analytical, business and soft skills in various projects and internships.

Competencies and Curriculum

- Tools & Methods of Data Analysis
- Software Development
- Artificial Intelligence and Open Source Intelligence
- Agile Project & Risk Management
- Machine Learning
- Open-Source Intelligence Project



Semester 1

Tools & Methods of Data Analysis

Advanced Data Technologies

Software Development

Machine Learning

Advanced Mathematics

Advanced Programming

Semester 2

Artificial Intelligence

Big Data and Business Intelligence

Cloud Solutions

AI Use Cases

Open Source Intelligence (OSINT)

Agile Project and Risk Management

Semester 3

Internship / Company Project / Research Project (not with Fast Track)

Semester 4

Scientific Work

Master Project

Master Thesis and Defense

Your Future Career

During your studies you get to develop your intercultural, managerial and communication skills with practical projects. Due to your interdisciplinary IT and business education you will become a sought-after expert in the current and future job market.

Your Success Is Our Mission

- State-accredited programmes recognised worldwide
- Practical approach through internships, case studies, field trips
- Learn from industry professionals
- Interactive, fun learning centred on individual support
- Personal guidance by our Career Service
- "Customise your studies" exclusive offer
- 114 partner universities for exchange semesters abroad
- Students from 100+ countries provide international flair

Financing Your Studies

- EU students have access to 100% financing via "Study Now, Pay Later", solidarity-based initiatives designed to allow equal opportunities for all. Reimbursement starts after graduation and reaching a minimum income threshold.
- Non-EU students can take advantage of student loans/ scholarships in their home country.
- Remarkable students may be considered for our Scholarship Programme and win up to 50% on their year 1 tuition fees.

Key Facts and Figures

Start

April and October

Duration

2 years / 1.5 years (Fast Track)

Mode

Full time

Credits

120 ECTS / 90 ECTS (Fast Track)

Degree

Master of Science

Language

English

Tuition Fees

EU: €790 per month

Non-EU: €6,800 per semester

CORE Principle

Find all information on our

CORE Principle here:

www.srh-berlin.de/en/core

"Artificial intelligence and big data have fascinated me for a long time. Through my studies, I get the chance to understand and help shape the development of these technologies."



Hasan Khaled

Student

The Master's Programme That Turns You into a Data Science Expert

Berlin School of Technology

The Berlin School of Technology, located in the west of Berlin, focuses on innovative and interdisciplinary Bachelor's and Master's degrees in the fields of engineering and computer science. The study programmes support the increasing demand in areas such as renewable energy, artificial intelligence and e-mobility. In addition to expert knowledge, you will gain insight into fundamental business operations and the chance to further develop your soft skills. Our programmes also includes various integrated projects, which allow you to directly apply your knowledge and skills in practice.

Entry Requirements

- Bachelor's degree in Computer Science, Information Systems or a similar area of studies
- Motivation letter
- Transcript of records
- Proof of English language proficiency
- Curriculum vitae
- Copy of your passport/ID

Any questions?
We're happy to help out.
Email us or give us a call.
+49 30 515 650 200
studyinberlin@srh.de
www.srh-berlin.de/en

Find out more!

