

The logo for SRH, consisting of the lowercase letters 'srh' in a bold, orange, sans-serif font. The background of the entire page is a photograph of a young Black man with dreadlocks, smiling and looking towards the camera. He is wearing a green t-shirt and is sitting at a desk with a laptop. In the background, there is a bright, modern interior with yellow armchairs and a person sitting on one of them. A large orange graphic element is in the bottom right corner.

srh

SRH Berlin University of Applied Sciences
Berlin School of Technology

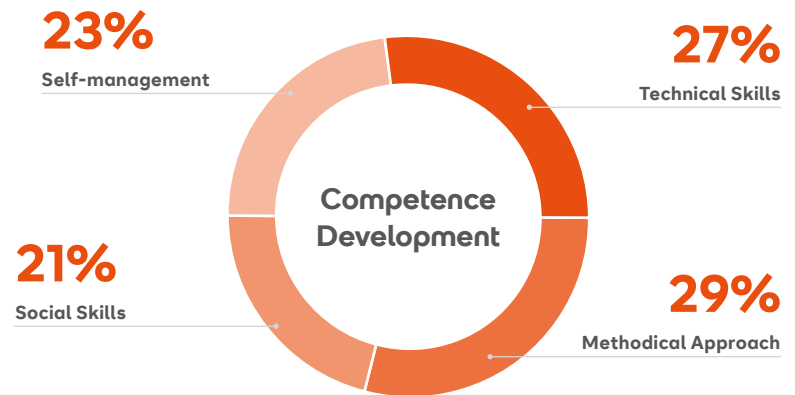
Computer Science | B.Sc.

Our Unique Curriculum for You

This Bachelor's programme will teach you how to handle internet, cloud, and mobile technologies in high demand by companies of all sizes and across all industries. You will learn how to conceptualise, configure, and deliver applications and multimedia systems for user-centred digital products and services. Into coding? You will deepen your expertise in essential programming paradigms and the associated markup languages. Commit to the International Experience Track to benefit from an internship with one of our acclaimed network partners (or your personal choice).

Competencies and Curriculum

- Tools & Methods of Data Analysis
- Imaging Technologies & Computer Graphics
- Software Development
- Agile Project and Risk Management
- Artificial Intelligence
- Practice and Projects



Semester 1

Mathematics I

Physical and Technical Fundamentals of Computing

Electrical and Electronics Engineering

Mechatronics Lab - Measurement Technologies I

Scientific Work

Personal Skills

Semester 2

Mathematics II

Programming I

Analogue Electronics

Mechatronics Lab - Measuring Technologies II

Algorithms and Data Structures

Statistics

Semester 3

Data Visualisation

Languages I

Programming II incl. Programming Lab

Computer Networks

Computer Security

Operating Systems / Web Computing

Semester 4

Software Engineering

Introduction to Cloud Computing

Languages II

Embedded Systems

Databases

Advanced Data Exploration for AI

Semester 5

Artificial Intelligence/Machine Learning

Imaging Technologies

Languages III

Engineering Teamwork I: Applied Computer Science Lab

Engineering Teamwork III: AI and Autonomous Systems Lab

Research and Development Methods

Semester 6

International Experience Track: Internship

Fast Track: Agile Project and Risk Management

Fast Track: Internship / Company Project / Research Project

Fast Track: Bachelor's Thesis

Semester 7 (International Experience Track only)

Agile Project and Risk Management

Internship / Company Project / Research Project

Bachelor's Thesis

Your Future Career

Thanks to your comprehensive education in the B.Sc. Computer Science programme and the high demand for computer science specialist, you will have a wide range of career opportunities after graduation. Thanks to the skill- and project-based approach, you also get to know agile methods and strengthen your communication and team-working skills in projects and your internship.

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.

"We are taught a mindset and thus have the opportunity to develop both personally and professionally."

Key Facts and Figures

Start

April and October

Duration

3.5 years / 3 years (Fast Track)

Mode

Full time

Credits

210 ECTS / 180 ECTS (Fast Track)

Degree

Bachelor of Science

Language

English

Tuition Fees (IET / Fast Track)

EU: €690 / €790 per month

Non-EU: €4,800 / €5,500 per semester

CORE Principle

Find all information on our CORE Principle here:

www.srh-berlin.de/en/core



Coraly Beyer
Alumna

The Bachelor'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

- General university entrance qualification (Abitur) or subject-restricted higher education entrance qualification (Fachhochschulreife)
- 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!

