

Bachelor-Studiengang

COMPUTER SCIENCE B. SC. (TAUGHT IN ENGLISH)



WHAT IS IT ABOUT?

How can data, the resource of the 21st century, be managed? From sensors and IT systems through to the Internet of Things? How do intelligent systems work? How are high-performance computer systems constructed? How can I create mobile and distributed systems? How do I build complex applications? How do I make software and IT systems secure? International students seeking a computer science course taught entirely in English should apply here.

GOOD REASONS FOR STUDYING AT THU

- › Practice-relevant course with close industry contacts
- › First-class equipment
- › Excellent study conditions
- › Small project groups
- › Help shape future issues

PROFESSIONAL FIELDS & PERSPECTIVES

- Studying with first-class perspectives, e.g. in
- › IT Consultant
 - › Software developer
 - › System administrator
 - › IT Manager
 - › SAP consultant
 - › Database developer, security expert
 - › Programmer, Data Scientist

WHAT SHOULD I BRING WITH ME?

Interest in mathematics
and programming

English Teamwork skills

Passion for technology

Logical-analytical
understanding

DEGREE PROGRAM AT A GLANCE

Degree: Bachelor of Science (B. Sc.)
Course start: Winter semester
Study period: 8 semesters
Language: English
Place of study: Prittwitzstrasse Campus
Preparatory course: recommended
Application: hochschulstart.de
Close of applications: July 15
More info: thu.de/cts, cts@thu.de



SPECIALIZATION SUBJECTS

By choosing specialization topics, the course can be adapted to your interests and subject-related goals, sharpening your academic profile.

Computer Engineering	Service Robotics	IT Security	Mobile Computing	Computer Graphics and Vision	Medical Information Systems	Information Systems	Business Administration
› Digital Systems › Hardware Oriented Programming › Computer Architecture	› Embedded Systems › Realtime Systems › Autonomous Systems	› Information Security › Digital Forensics › Pentesting	› Mobile Application Development › Web Engineering › Internet of Things	› Machine Vision › Game Programming › Computer Graphics	› Medicine 1 › Health Data Analytics › Medical Information Systems	› Database Programming › Data Warehousing › Operations Research	› Marketing › 2 Modules from Business Administration Elective Module Catalog

Computer Science B. Sc.						
8	Bachelor Thesis					
7	Communication and Moderation	Internship				
7	Project Management		Team Project			
6	Elective Modules				Business Economics	Technical German
5	Seminar	Software Project	Distributed and Webbased Systems	Focus Topic	Focus Topic	Elective
4	Stochastics	Software Engineering	Operating Systems	Algorithms and Data Structures	Focus Topic	Focus Topic
3	Calculus	Programming	Theoretical Computer Science	Focus Topic	Focus Topic	German

Basic study period						
2	Calculus	Programming	Computer Networks	Databases	Microcomputer Technology	German
1	Linear Algebra	Programming	Introduction to Computer Science	Techn. Foundation of Computer Science	Introductory Project	German

— Compulsory modules — Elective modules — Focus topic modules
Find out more about individual course content and modules at: www.thu.de/cts

IN WENIGEN SCHRITTEN ZUM STUDIENPLATZ

1. Registrierung bei hochschulstart.de
2. Einreichen der Bewerbungsunterlagen in Papierform
3. Zulassungsangebot bei hochschulstart.de annehmen
4. Einschreibung/Immatrikulation

Bewerbungsfristen Bachelor

Wintersemester: 15.07. (Vorlesungsbeginn Anfang Oktober)
Zwei Wochen vor Vorlesungsbeginn starten die Vorkurse der Studiengänge.

KONTAKT

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