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
## Computer Science B. Sc. (taught in english)
### Course schedule and modules

**SPECIALIZATION SUBJECTS**

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

---

### Basic study period

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Algebra</td>
<td>Calculus</td>
<td>Programming</td>
<td>Stochastics</td>
<td>Seminar</td>
<td>Elective Modules</td>
<td>Project Management</td>
<td>Internship</td>
</tr>
<tr>
<td>Programming</td>
<td>Programming</td>
<td>Operating Systems</td>
<td>Software Engineering</td>
<td>Software Project</td>
<td>Distributed and Webbased Systems</td>
<td>Distributed and Webbased Systems</td>
<td>Team Project</td>
</tr>
<tr>
<td>Computer Networks</td>
<td>Databases</td>
<td>Algorithms and Data Structures</td>
<td>Algorithms and Data Structures</td>
<td>Focus Topic</td>
<td>Focus Topic</td>
<td>Focus Topic</td>
<td>Technical German</td>
</tr>
<tr>
<td>Databases</td>
<td>Microcomputer Technology</td>
<td>Theoretical Computer Science</td>
<td>Theoretical Computer Science</td>
<td>Focus Topic</td>
<td>Focus Topic</td>
<td>Focus Topic</td>
<td>Business Economics</td>
</tr>
<tr>
<td>Microcomputer Technology</td>
<td>German</td>
<td>German</td>
<td>German</td>
<td>German</td>
<td>German</td>
<td>German</td>
<td>German</td>
</tr>
</tbody>
</table>

Find out more about individual course content and modules at: [www.thu.de/cts](http://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

**Studierenden-Service-Center**

Technische Hochschule Ulm
Prittwitzstraße 10, 89075 Ulm
Raum E09c
ssc@thu.de, thu.de/bewerbung

Werde Fan auf Facebook.

folge uns auf Instagram.

Abonniere uns auf Youtube.