



B.Sc. Mechanical Engineering International | Karlsruhe, Germany | English-Taught

ENGINEER YOUR FUTURE FOR SUCCESS STUDY WITH THE BEST

FUNDAMENTAL COURSES (SEMESTER 1 - 4)

Advanced Mathematics
Computer Science in Mechanical Engineering
Material Science
Mechanical Design
Engineering Mechanics
Manufacturing Technology

Electrical Engineering & Electronics
Advanced Engineering Mechanics
Advanced Mechanical Design
Technical Thermodynamics & Heat Transfer
Production Operations Management
Wave Phenomena in Physics

ADVANCED COURSES (SEMESTER 5 - 6)

Machines and Processes | Fluid Mechanics | Measurement & Control Systems

SPECIALIZATION + BACHELOR THESIS (SEMESTER 5 - 6)

Global Production Management



Global Production | Global Logistics
| Virtual Engineering | Automated
Production Systems | Human Factors
Engineering | **Special: Smart Factory@
Industry**

Automotive Engineering



Vehicle Comfort and Acoustics |
Electrical Machines | Machine Dynamics

Energy Engineering



Technical Combustion | Heat & Mass
Transfer | Fundamentals of the Energy
Technology | Energy Economics

SOFT SKILLS COURSES

Mandatory

International Project Management
| Working Methods in Mechanical
Engineering

Supplementary

Negotiating in an International
Environment | Presentation &
Professional Application |
Academic Writing | Intercultural
Awareness

Language

Business English
Technical English
German A1-C2



Smart Factory@Industry: Hands-on Industry Training

Take the chance and combine an international Bachelor of Science in Mechanical Engineering at one of the best technical universities worldwide with training projects by some of the key players in the German industry.

The smart factory is already part of today's industry, which means that engineers need know-how for the integration and extension of these digitalized factories. In cooperation with industry partners, the Carl Benz School of Engineering as the Mechanical Engineering College of the KIT offers the integrated industry unit Smart Factory@Industry. This dual training program aims to enhance the technical and interdisciplinary profile of mechanical engineering students. Lastly, with this program the students are able to build up networks with potential employers at a very early stage of their academic career.

We are the Right Choice for You!

World-class Mechanical Engineering

Carl Benz School (CBS) offers state-of-the-art technology expertise in English programs from one of the most prestigious technical universities in the world.



Elite Teaching & Small Classes

The international campus of CBS is characterized by small and exclusive classes of up to 50 students.

Strong Industry Network

In order to facilitate first steps into industry, CBS offers, for example, excursions to industry partners and an industry training program (Smart Factory@Industry).

Unique „All-in-one“ Package

Campus accommodation, academic and as well as leisure facilities, e.g., a music room, can all be found under one roof.

Individualized Mentoring & Career Guidance

CBS provides students with support in regards to everyday questions, but also with individualized counseling & mentoring.

International Orientation

Our students and alumni come from over 50 countries in the world. Here at CBS, we have established a worldwide network of ambassadors.

COSTS PER SEMESTER



FEES

Bachelor Program (College Fees)	7.000 €
Enrolment Fee KIT (EU/EEA citizens)	ca. 150 €
Enrolment Fee KIT (Non-EU citizens)	ca. 1.650 €

GENERAL LIVING EXPENSES*

Food	1.400 €
Pocket Money	900 €
German Health Insurance	480 €

*More information: www.intl.kit.edu/istudies/3294.php

Excellent Location

The Carl Benz School of Engineering is located in Karlsruhe, Germany's technology region no. 1. By train, Karlsruhe is one hour away from Frankfurt Airport.



KIT Infrastructure for You

As Carl Benz School is the Mechanical Engineering College of the KIT, our students are part of the comprehensive university infrastructure of the Karlsruhe Institute of Technology. E.g. 24/7-Library, Dining Hall, KIT Sport Programs, Formular Student Team and other students initiatives.





Admission Requirements

- High school degree
(recommended: IB, A-level, Abitur)
- Excellent grades in Mathematics & Physics (e.g., HL or AP)
- SAT
(Math & Evidence-Based Reading & Writing; at least 1.200 points)
- English proficiency test
(e.g. TOEFL, IELTS or TOEIC)
- Proficiency in German not required
(German language classes are offered)

Admission Requirements



www.carlbenzschool.kit.edu/admissions_requirements.phpts

CBS Application Portal



www.carlbenzschool.applicationportal.org

For
High School
Students

Take a Sneak Preview!



CBS Summer School in Karlsruhe, Germany (June 23 - 29, 2018)
CBS Summer School in Karlsruhe, Germany (June 30 - July 06, 2018)
Summer Engineering Academy in Suzhou, China (July 23 - 27, 2018)

www.carlbenzschool.kit.edu/summerprograms.php



Book your Campus Tour online and visit us!

www.carlbenzschool.kit.edu/campus.php

field trips company visits workshops campus tour

Got Questions ?
Ask us !



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