





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

# ENGINEER YOUR FUTURE FOR SUCCESS STUDY WITH THE BEST



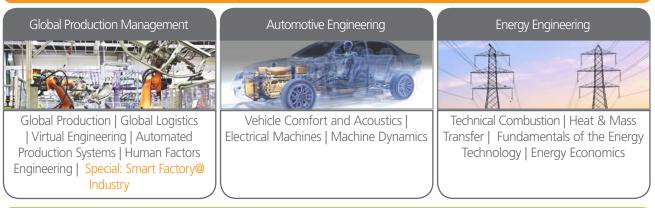
#### FUNDAMENTAL COURSES (SEMESTER 1 - 4)

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)



#### 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.





#### 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                  | 2           |
|-------------------------------------|-------------|
| 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 initatives.











# **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



company visits

workshops

campus tour

Got Questions Ask us



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www.carlbenzschool.kit.edu