



SRH University (Heidelberg)

Applied Mechatronic Systems | English

Study details

Course type: Bachelor's degree

Degree: BEng in Applied Mechatronic Systems

Study mode: Full time

Duration: 42 Month

Cost of study

Cost : 10 200 EUR

Reg. fee : 1 000 EUR

Scholarship :

Insurance : N/A EUR

Intake/s

Oct

Requirements

High school / secondary education

**Entry
qualification**

**The entry qualification documents are accepted in the following languages:
English / German.**

Upload your electronic copies during the application process

English

Please find our English language requirements here:

- Duolingo Certificate 110 points
- TOEFL 87 ibt (direct entry)
- TOEFL 79 – 86 ibt (with additional agreement)
- TOEIC 785 (Listening/Reading 785, Speaking 160, Writing 150)
- IELTS (academic) 6.5 average – please see Language Centre guidelines if results differ
- CAE (grade A, B, or C)
- CPE (grade A, B or C)
- Pearson English Test Academic (PTE-A) 59 points
- Linguaskill: 176 – 184 (CES) – all four skills required

**Language
requirements**

Other requirements At least 2 reference(s) should be provided.

Accommodation

Additional information

Overview

Our B.Eng Applied Mechatronic Systems programme combines mechanical engineering, electrical engineering and computer science. Strengthen your technical expertise, design solutions for electromechanical systems and hone your soft skills.

The Bachelor's programme in Applied Mechatronic Systems at SRH Berlin University of Applied Sciences will allow you to gain a clear understanding of the relevant disciplines of mechatronics, including mechanical engineering, electrical engineering and computer science. Apart from brushing up necessary skills in mathematics, physics, and statistics, you get to deepen your programming, intercultural and communication skills.

You will be able to design complete solutions for electromechanical systems and know how to implement the associated control systems, e.g. by using microcontrollers. Additionally, you will have the opportunity to learn more about exciting emerging fields such as automotive mechatronics, robotics, machine learning and smart manufacturing.

As a Bachelor of Engineering student, you will learn agile methods, do extensive lab work and work on hands-on projects with companies. In addition, you receive the "Siemens Mechatronic Systems Certificate Program (SMSCP)" certification at level 1 and 2.