



## SRH University (Berlin)

### Applied Mechatronic Systems

#### Study details

**Course type:** Bachelor's degree

**Degree:** Bachelor of Engineering (B.Eng.)

**Study mode:** Full time

**Duration:** 42 Month

#### Cost of study

**Cost :** 9 600 EUR

**Reg. fee :** 1 000 EUR

**Scholarship :**

**Insurance :** N/A EUR

#### Intake/s

Oct

#### Requirements

##### English language requirements

- TOEFL 87 ibt (direct entry)
- TOEFL 79 - 86 ibt (with additional agreement)
- TOEIC 785 (Listening/Reading 785, Speaking 160, Writing 150)
- IELTS/IELTS ONLINE (academic) 6.5 on 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
- Duolingo 110 points

##### General Requirements

- ? General higher education entrance qualification (Abitur) or university of applied sciences entrance qualification (Fachhochschulreife)
- ? Proof of English language proficiency
- ? Curriculum Vitae with a current passport photo
- ? Copy of your identity card or passport

#### Accommodation

Dormitory - 1 000 EUR per month

#### Additional information

The Bachelor's programme in Mechatronics at SRH University gives you 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 knowledge and practice your 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 dive into 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'll receive the “**Siemens Mechatronic Systems Certificate Program (SMSCP)**” certification at level 1-2.

As a Bachelor of Engineering graduate, you are qualified for challenging jobs in energy and environmental, process, mechanical and plant engineering, and work for the automotive industry and its suppliers, as well as the medical devices industry.

### Choose from the following career paths:

- Industrial development (planning, calculation, design and testing of technical plants, products and systems)
- Production (planning, manufacturing, operation and monitoring of technical and process facilities and systems, testing of products and processes, quality assurance)
- Marketing and sales of technical systems, plants and products
- Management activities in the manufacturing industry, private sector companies and public authorities