

Study
**Software Engineering,
B.Sc. (dual)**
at the UE

Discover the world of AI and software and start developing the programmes of the future yourself. For a career in the most demanded industry.



Why UE?

Become the bridge between three worlds: Information Systems, Software Design and data analytics. And experience the influence of digital technologies on the business world at first hand. During your studies, you will become a specialist in software development and artificial intelligence.

You know the digital trends, can code properly and develop solutions and programmes for high-quality intelligent systems that are important in all industries.

With the system-accredited* degree programme, you are the most sought-after jobs of the future. Your career entry is made even easier by your in the company. After graduating, you will not only be ready for the challenges in software design and architecture, you will also be able to actively future developments yourself.

*The UE has been recognised as a private university at state level. In February 2021, the UE was awarded system accreditation status, the highest form of accreditation and recognition of standards for internal quality management processes in higher education.



Degree:

Bachelor of Science (BSc)

Duration and credits:

7 semesters (3.5 years), 180 ECTS

Start:

Winter semester - September

Training partner and Tuition fees:

Study for 0 €

The tuition fees usually get covered by your practice partner.

Language:

English

Locations:

Online Live Teaching

But you can participate in present classes in: UE Innovation Hub (Potsdam)

Admission requirements:

- **General university entrance qualification (A levels) or equivalent**
- **B2 level in English, e.g. with sufficient performance in the A Levels or the advanced technical college entrance qualification or a test**



Study + work experience Reach your goal faster with the UE

Career Prospects

After successfully completing the Bachelor of Science (B.Sc.) program at UE, you will have various career prospects, such as a software developer, artificial intelligence expert, full stack developer, data analyst, cloud expert, software designer, or IT application consultant.

The demand for such experts is extremely high in companies of all industries and is expected to rise in the foreseeable future. To ensure a smooth entry into your successful tech career, we provide you with individual guidance before, during, and after your studies.

Your Benefits

- Diverse study programme
- International orientation
- Intensive training in programming, AI, and software design
- Our network of over 100 renowned practical partners
- Salary from the first day
- Practice-oriented teaching by experts from science and practice
- State-of-the-art equipment at our locations with VR and cloud studios
- High employment rate after graduation
- Visionary curriculum that constantly adapts to new trends in the tech industry

1st – 2nd semester	3rd – 5th semester	6th – 7th semester
<ul style="list-style-type: none"> • Programming • Computer Architecture • Mathematics & Statistics • Big Data Analytik • Software Engineering I ----- • Big Data & Analytics • Backend Development • Quantitative & Qualitative Methods • Soft Skills 	<ul style="list-style-type: none"> • Big Data Eco-Systems • Blockchains & Containers • IT Platforms • Software Engineering II ----- • Frontend Programming • System Administration • Human Resources & Organisation • IT Agile Development ----- • Cloud Computing & Distributed Systems • Software Quality Assurance • Applied Research Project • Agile & Creative Methods 	<ul style="list-style-type: none"> • IT Security • Machine Learning & Smart Systems • Artificial Intelligence • System Configuration Management ----- • Final Project • Bachelor Thesis Colloquium • Bachelor Thesis

Working Experience: 3 days per week during semester; full-time during semester break minus vacation days

Contact

Study advice for applicants from Germany

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Study advice for applicants from other EU & Non-EU countries

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