

The IT-Sector is booming

Skilled labour is desperately sought after. And not just from IT companies. Because in times of digitalisation, no large company can do without its own IT employees.

Where do you stand?

- Is your degree not recognised in Germany?
- Haven't found your feet again after the family phase?
- Dropped out of university?
- No career prospects?

Become a software engineer - with a further education programme at the University of Bremen

Benefit from the shortage of skilled labour in the IT sector.

Study where innovation and technological progress are shaped: at a renowned university. This will ensure that your qualification meets high standards - not only today, but also tomorrow and beyond.

Your advantages:

- Acquisition of comprehensive skills in software development
- Application-orientated learning in teams
- Practical experience through supervised project internship
- Individual skills profiling
- Extensive offers for learning, language and application support
- Leaving with a university certificate

Interested? We will be happy to advise you!

Susanne Juchert (Enrolment & Administration)
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More information:
www.uni-bremen.de/swe

Information made easy!

We are happy to assist you with comprehensive counselling services. Give us a call! Would you like to enrol? Please send us your complete application documents.

**Akademie of Continuing Education
University of Bremen**
Mary-Somerville-Str. 3 (Haus Turin)
28359 Bremen

Co-operation partner

- University of Bremen, Faculty 03: Mathematics/ Computer Science, Prof. Dr. Rainer Koschke
- University of Bremen, Faculty 01: Physics / Electrical Engineering, Prof. Dr. Anna Förster

The training programme is certified by TÜV Rheinland Cert GmbH in accordance with AZAV.

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Software Engineering

For jobseekers, university drop-outs, people returning to work and people with an unrecognised degree

**100% funded
by Arbeitsagentur**



Target groups

- Migrants with a degree that is not recognised in Germany
- Job-seeking university graduates and professionals
- People returning to work
- university dropouts

You should have a connection to computer science or to mathematical, scientific and/or technical subjects in your field of study or profession.

Duration / Organisation

- 12 months plus a 3-month company internship
- Attendance times: 8:30 to 15:30
- The holiday periods coincide with the Bremen school holidays.

Application procedure

Apply online using our application form and enclose proof of your previous qualifications. We will invite you to a personal counselling interview in which everything else will be clarified.

Funding

A training voucher in accordance with SGB III or SGB II is required for participation.

To clarify your individual funding, please contact your advisor at the employment agency or job centre. We will be happy to support you!

Become a „Software Engineer“!

With the continuing education programme „Software Development & Software Engineering“ at the University of Bremen, you will acquire extensive skills in software development.

In addition to specialist qualifications, the course also includes extensive learning, language and application support to help people with migration experience in particular to access the German labour market.

During the qualification phase, you will work in a team on practice-orientated projects. During the three-month internship, you will establish valuable contacts with companies.

You will document your qualifications with the university certificate „Software Engineer“. The certificate also includes 60 ECTS credit points, which you may be able to transfer to other further training courses or a degree programme.

„Our aim is to provide a broad foundation of knowledge so that participants can gain a foothold in the labour market. In addition to professional expertise, it is important to be able to think your way into the company and develop suitable solutions.“

Ronny Krämer, Programme coordinator

Module overview

Module 1

Fundamentals of Computer Science

(160 h – 6 CP)

Module 2

Object-orientated programming (160 h – 6 CP)

Module 3:

Advanced Programming (160 Std – 6 CP)

Module 4:

Data Science with Python (160 Std – 6 CP)

Modul 5:

Databasis (80 h – 3 CP)

Modul 6:

Web Development (160 h – 6 CP)

Modul 7:

Software Engineering (160 h – 6 CP)

Modul 8:

Software project (160 h – 6 CP)

Modul 9:

German or English as a foreign language for the job (160h – 6 CP)

Modul 10:

Methodical work for computer scientists (80 h – 3 CP)

Modul 11:

Internship (3 months – 6 CP)

