Degree Programme: "Computer Systems and Technologies"
in German

The computer engineer with a bachelor's degree in Computer Systems and Technologies (in German) has very good general theoretical knowledge and ability to apply them in solving practical problems. He is prepared to perform design, programming, production research, organizational management and other activities in the field of information technology.

The areas of his future activity will be institutes and companies with orientation in the development and implementation of computer systems, the application of computer technologies in various fields and the development of software products. He can hold the following positions: Designer, programmer, IT consultant, manager of various ranks or work as a manager of his own company.

Requirements for the training of the specialist

The Bachelor of Engineering in Computer Systems and Technologies must be able:

- to develop, to implement and to test sofware products;
- to apply information technologies in different areas of production and research;
- to increase his knowledge and improve his skills independently.

Theoretical knowledge and practical skills allow him to continue his education to obtain the educational and qualification degrees master and doctor.

The serious language training of the Bachelor of Engineering in Computer Systems and Technologies allows him to independently maintain contacts with foreign partners, to prepare and publish documents in a foreign language, and to monitor the state of the subject area worldwide.

The training of the specialist is based on:

- very good general theoretical and general technical training;
- very good specialized training;
- very good knowledge of design and implementation of software products;
- economic knowledge in the field of information project management and marketing;
- serious practical training, acquired through work experience in leading companies.

The Bachelor of Engineering in Computer Systems and Technologies uses written and spoken 2 foreign languages - German and English.

The skills of the specialist

The Bachelor of Engineering in Computer Systems and Technologies shows initiative, independence and responsibility in solving the set tasks. He is able:

- to formulate and solve complex tasks;;
- to find an optimal solution to the tasks by applying his in-depth general technical and special knowledge;

- to design, implement and test software products;
- to analyze the need and apply information technologies in different areas;
- to apply the acquired knowledge in economics in the management of information projects, companies or in marketing;
- when organizing and managing the workforce to apply his knowledge of Social Communication;
- to use his language skills in his professional contacts.