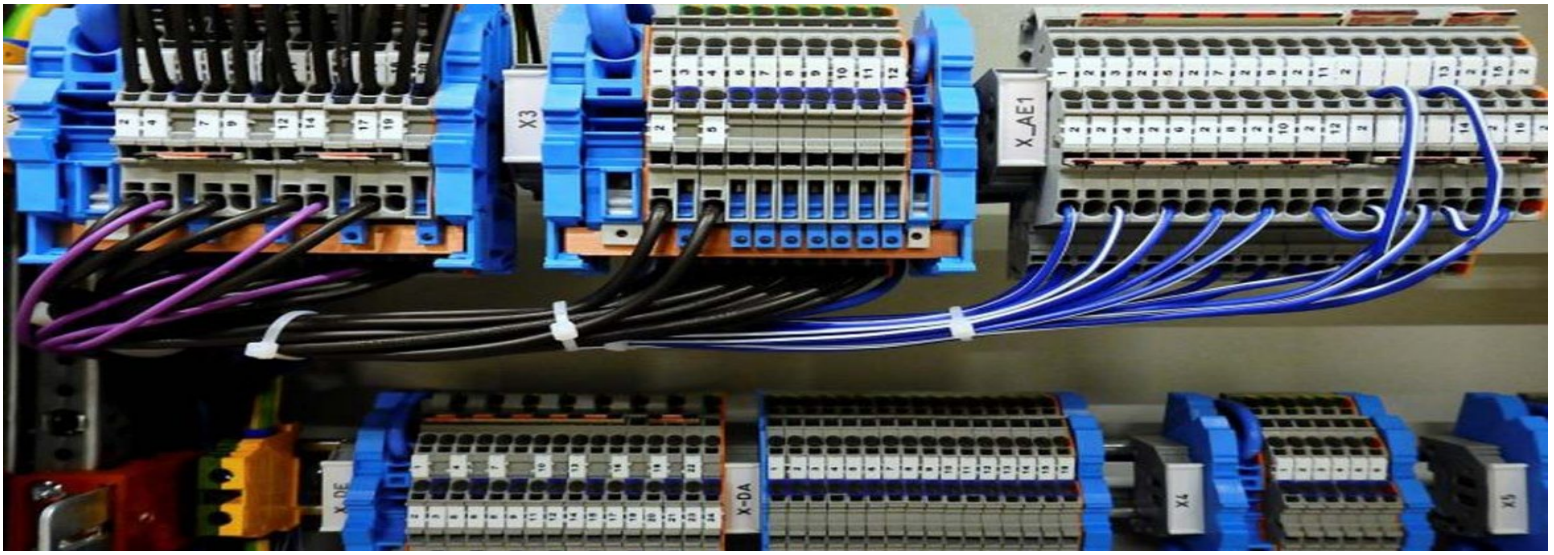
Branch: Electrical engineering



Code: ELEINT
Option: Electrical engineering and information technology
Level: Bachelor
Prerequisites: Scientific baccalaureate or equivalent
Opportunities:
After graduating with a degree in electrical and computer engineering, there are opportunities in research and product development. You can also work in management positions, as well as in sales and marketing. Other opportunities exist in the telecommunications industry and in mechanical and automotive engineering.

Description
The curriculum combines technical and methodical background knowledge with the possibility of defining individual areas of interest. The basis consists of content from electrical engineering, information technology, mathematics, physics and the field of signals and systems. These may be supplemented by specialization modules, for example in electro mobility, medical engineering, aerospace engineering, nanoelectronics, robotics or computer science. This provides students with a wide range of tools to meet the ever-changing demands placed on electrical engineers.
Another central aspect of the program is the interdisciplinary integration of other disciplines such as computer science or mechanical engineering. The Bachelor of Electrical Engineering and Information Technology also teaches social skills

and complements technical and methodological knowledge with initial work experience in engineering practice.

Specific competences:
As a graduate, you are equally well qualified to start a career and to continue your scientific education. You will be able to tackle complex technical and professional challenges independently or in a team. To this end, you will master the mathematical, scientific and technical foundations of your subject and be able to apply them in a structured way to solve practical problems. Your skills enable you to develop digital, electrical and electronic circuits, systems and products. You will model, simulate, test and integrate them using a variety of techniques.

Quality and competences:
You will also have developed an awareness of the ethical, environmental, commercial and industrial implications of your work. You will have decision-making responsibilities and work across disciplines to develop products that meet the demands of the global market.