

# Courses and Credits achieved in the Bachelor Studies



## Focal area Embedded Systems

Surname:

First name:

Applicant Number:

Type of Bachelor Study:

Standard period of study of the Bachelor in semesters (half academic years):

Total number of Credit Points of the Bachelor:

## Course Survey

Please indicate the courses you have studied in the corresponding fields of study (specify the actual semester, course name and credit points as stated in your transcript)

### Courses related to Embedded System

Sample topics: Digital technology, microcontroller programming, hardware development, embedded systems

Semester	Course Name	Credits

## Mathematical Foundations

Sample topics: Discrete mathematics, linear algebra, analysis, calculus

Semester	Course Name	Credits

## Foundations in Computer Science and Programming

Sample topics: Introduction to computer science, introduction to programming, algorithms & data structures, object-oriented programming, programming lab

Semester	Course Name	Credits

## Theoretic Computer Science

Sample topics: Automata and formal languages, computability, design and analysis of algorithms

Semester	Course Name	Credits

## Practical Computer Science

Sample topics: Operating systems, databases, software engineering, compiler construction

Semester	Course Name	Credits

## Computer Engineering

Sample topics: Digital logic design, computer networks, computer architecture, microprocessors

Semester	Course Name	Credits

## Project Work or Bachelor Thesis

Semester	Course Name	Credits