

BSc Electrical and Computer Engineering (180 CP)

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| Year 3 | Bachelor Thesis and Seminar (m, 15 CP) | | | | Big Questions (me, 5 CP) | Big Questions (me, 2.5 CP) |
| | Study Abroad Option (22.5 CP) | | | | Community Impact Project (m, 5 CP) | Big Questions (me, 2.5 CP) |
| | Specialization (me, 3 x 5 CP) | | | | | |
| Year 2 | Internship/Start-Up (m, 15 CP) | | | | | |
| | CORE* Digital Signal Processing (m, 7.5 CP) | CORE Information Theory (me, 5 CP) | CORE PCB design and measurement automation (m, 5 CP) | CORE Wireless Communication (m, 5 CP) | Methods/Skills Numerical Methods (m, 5 CP) | Language (me, 2.5 CP) |
| | INTERSESSION: CORE Communications Basics (m, 5 CP) | | | | | |
| | CORE* Signals and Systems (m, 7.5 CP) | CORE Electromagnetics (m, 5 CP) | CORE Electronics (m, 5 CP) | | Methods/Skills Probability and Random Processes (m, 5 CP) | Language (me, 2.5 CP) |
| | CHOICE* General Electrical Engineering II (m, 7.5 CP) | CHOICE Intro. Robotics and Intel. Systems Applied Mathematics (me, 7.5 CP) | CHOICE Own Selection (me, 7.5 CP) | | Methods/Skills Calculus and Elements of Linear Algebra II (m, 5 CP) | Language (me, 2.5 CP) |
| CHOICE* General Electrical Engineering I (m, 7.5 CP) | CHOICE Programming in C and C++ (m, 7.5 CP) | CHOICE Classical Physics (m, 7.5 CP) | | Methods/Skills Calculus and Elements of Linear Algebra I (m, 5 CP) | Language (me, 2.5 CP) | |
| Area | CHOICE / CORE 90 CP | | | | JACOBS TRACK 45 CP | |

* mandatory for minor students
m = mandatory
me = mandatory elective