

Electrical and Computer Engineering (180 CP)

	CHOICE / CORE / CAREER 3 x 45 = 135 CP				CONSTRUCTOR Track 45 CP	
3 rd Year CAREER	Bachelor Thesis / Seminar m, 15 CP		Summer Internship / Start-Up (after 2 nd year) m, 15 CP		Argumentation, Data Visualization and Communication** m, 5 CP	Agency, Leadership & Accountability OR Community Impact Project me, 5 CP
	Specialization I me, 5 CP	Specialization II me, 5 CP			Linear Model and Matrices OR Complex Problem Solving me, 5 CP	
2 nd Year CORE	Digital Signal Processing m, 7.5 CP	Information Theory me, 5 CP	PCB design and mea- surement automation m, 5 CP	Wireless Communication m, 5 CP	Numerical Methods m, 5 CP	Causation / Correlation** m, 2.5 CP
	Signals and Systems m, 7.5 CP	Electromagnetics m, 5 CP	Electronics m, 5 CP	Communications Basics m, 5 CP	Probability and Random Processes m, 5 CP	Logic** m, 2.5 CP
1 st Year CHOICE	General Electrical Engineering II m, 7.5 CP	Digital Systems and Computer Architecture m, 7.5 CP	Foundations of Communications and Electronics m, 7.5 CP		Matrix Algebra and Advanced Calculus II m, 5 CP	German / Humanities me, 2.5 CP
	General Electrical Engineering I m, 7.5 CP	Programming in C and C++ m, 7.5 CP	Classical Physics m, 7.5 CP		Matrix Algebra and Advanced Calculus I m, 5 CP	German / Humanities me, 2.5 CP
	Minor Option in ECE (30 CP)		CP: Credit Points m: mandatory me: mandatory elective Study abroad Option in 5 th Semester (22.5 CP) **Different module perspectives available			