

First year 60 EC			
Obligatory courses 35EC			
Q1	Q2	Q3	Q4
1. Control Theory 2. Optimization for Systems and Control 3. Statistical Signal Processing 4. Modelling of Dynamical Systems	1. Filtering & Identification 2. Machine Learning for Systems & Control 3. Digital Control 4. Robust Control	Electives	1. Integration Project 2. Electives
Obligatory Social Course (choose 1 out of 3) 3 EC			
Ethics and Engineering	Introduction to Safety Science	Ethics and Engineering	Philosophy of Engineering Science and Design
Elective courses 22 EC			
See study guide for a list of approved courses.			
Free Technical Electives			
Second year 60 EC			
Choose 1 out of 3 (15 EC)			
Option 1 1. Research assignment (10 EC) 2. Electives (5 EC)	Option 2 1. Electives (15 EC)	Option 3 1. JIP-Joint Interdisciplinary course (15 EC)	
Graduation (45 EC) – all students			
1. Literature study (10 EC) 2. MSc Thesis (35 EC)			