Track: Robotics and Autonomous Systems (Example)

Course ID	Name	When	Credits	Type
EL2220	The Sustainable Systems and Control Engineer	Y1-Y2	3	Mandatory
Year 1				
EL2820	Modelling of Dynamical Systems	P1	7,5	Mandatory
DD2410	Introduction to Robotics	P1	7,5	Mandatory
DD2423	Image Analysis and Computer Vision	P2	7,5	Track mandatory
EL2320	Applied Estimation	P2	7,5	Track mandatory
DD2419	Project Course in Robotics and Autonomous Systems	P3-P4	9	Project course **and** Conditionally elective
EL2450	Hybrid and Embedded Control Sys.	P3	7,5	Conditionally elective
DD2421	Machine Learning	P3	7,5	Conditionally elective
EL2520	Control Theory and Practice, adv.	P4	7,5	Mandatory
Year 2				
AK2036	Theory and Methodology of Science	P1	7,5	Mandatory
DD2380	Artificial Intelligence	P1	6	Conditionally elective
XXYYYY	Non-Technical Course	P2	6-7.5	Mandatory
DD2434	Machine Learning, Adv. Course	P2	7,5	Recommended
XXYYYY	Master Thesis	P3-P4	30	Mandatory

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Track: Learning, Decision and Control Theory (Example)

Course ID	Name	When	Credits	Type
EL2220	The Sustainable Systems and Control Engineer	Y1-Y2	3	Mandatory
Year 1				
EL2820	Modelling of Dynamical Systems	P1	7,5	Mandatory
DD2410	Introduction to Robotics	P1	7,5	Mandatory
EL2620	Nonlinear Control	P2	7,5	Conditionally Elective
SF2832	Mathematical Systems Theory	P2	7,5	Conditionally Elective
XXYYYY	Non-Technical Course	P3	6	Mandatory
EL2450	Hybrid and Embedded Control Sys.	P3	7,5	Track Mandatory
DD2424	Deep Learning in Data Science	P4	7,5	Recommended
EL2520	Control Theory and Practice, adv.	P4	7,5	Mandatory
Year 2				
AK2036	Theory and Methodology of Science	P1	7,5	Mandatory
EL2700	Model Predictive Control	P1	7,5	Track Mandatory
EL2425	Automatic Control, Project Course, Smaller Course	P2	7,5	Conditionally Elective (and Project Course)
EL2805	Reinforcement Learning	P2	7,5	Conditionally Elective
XXYYYY	Master Thesis	P3-P4	30	Mandatory

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