TABLE 1- Elective course UNIBO not included in first year curriculum

Students may also choose elective courses offered by other degree programmes, prior to the Degree Board approval

0	Embedded Electronic Systems	6
0	Simulation and Modeling in Fluid Dynamics	6
0	Spacecraft Orbital Dynamics and Control	6
0	Helicopters	6
0	Materials Chemistry	6
0	Fundamentals of Astrophysics	6

TABLE 2 - Elective courses at KTH *choose courses not included in the selected track

			Period
0	AG1321 Remote Sensing Technology	7,5	1
0	AH2923 Global Navigation Satellite Systems (GNSS)	7,5	3
0	EF2200 Plasma Physics	6	1
0	EF2240 Space Physics	6	1
0	EF2243 Solar System Physics	7,5	2
0	EF2245 Space Physics II	7,5	2
0	EF2260 Space Environment and Spacecraft Engineering	6	2
0	EF2262 Data Handling Systems for Satellites	6	Autumn
0	EF2264 Operation of Space Systems	6	Autumn
0	EH2720 Management of Projects	7,5	1
0	EL2520 Control Theory and Practice, Advanced Course	7,5	4
0	EL2620 Nonlinear Control	7,5	2
0	HL2035 Biomechanics and Neuronics	6	2
0	MJ2523 Aircraft Propulsion, General Course	6	1
0	MJ2524 Aircraft Propulsion, Advanced Course	6	2
0	SD2413 Fibre Composites - Analysis and Design	6	4
0	SD2414 Fibre Composites - Materials and Manufacturing	6	3
0	SD2415 Process Modelling for Composite Manufacturing	6	1
0	SD2805 Flight Mechanics	9	3
0	SD2806 Transonic and supersonic aircraft aerodynamics	6	1
0	SD2810 Aerolasticity	9	2
0	SD2830 Aircraft Performance and Air Traffic Management	6	2
0	SD2900 Fundamentals of Spaceflight	7,5	1
0	SD2905 Human Spaceflight	7,5	3
0	SD2910 Spacecraft Dynamics	9	4
0	SE2139 Fracture Mechanics	9	3
0	SG2212 Computational Fluid Dynamics	7,5	3
0	SG2215 Compressible Flow	7,5	4
0	SG2219 Advanced Compressible Flow	7,5	1
0	SH1003 Introductory Astronomy for Engineers	7.5	3

TABLE 3A TABLE 3B

Track: Systems Engineering

0	EL2450 Hybrid and Embedded Control Systems	7,5
0	SF2842 Geometric Control Theory	7,5
0	SD2905 Human Spaceflight OPT	7,5
0	SF2822 Applied Nonlinear Optimization	7,5
0	SF2812 Applied Linear Optimization	7,5

TABLE 4A- Elective courses for Aeronautics tracks

0	Rocket Propulsion	6
0	Spacecraft Subsystems and Space Mission Design	6
0	Advanced Guidance and Control or Aircraft and Spacecraft	6
0	Radio Communication and Radar Systems	6
0	Spacecraft Attitude Dynamics and Control	6

Track: Systems Engineering

0	EH2720 Management of Projects
0	EL2820 Modelling of Dynamical Systems
0	SF2866 Applied Systems Engineering
0	EL2620 Nonlinear Control
0	SF2832 Mathematical Systems Theory

TABLE 4B- Elective courses for Space track

0	Design Methods in Aerospace Industry
0	Aerospace Technologies
0	Advanced Guidance and Control or Aircraft and Spacecraft
0	Experimental Methods in Aerodynamics
0	Unmanned Systems

7,5	
7,5	
7,5	
7,5	
7,5	

6	
6	
6	
6	
6	