

Elektrotechniek Major Sensor Technology

Programma

EC

Year 1	60
□ Health	30
▫ ELVP19APRS1 - Project Semester 1	5
▫ ELVP19AAE1 - Analogue Electronics 1	5
▫ ELVP20APHY1 - Physics 1	2
▫ ELVP19ADIG1 - Digital Electronics 1	2
▫ ELVP18AMATH1 - Mathematics 1	4
▫ ELVP17AFPRO - Fundaments of Programming	4
▫ ELVP15AENG1 - English 1	4
▫ ELVP16APFS1 - Professional Skills 1	4
□ Energy	30
▫ ELVP19APRS2 - Project Semester 2	5
▫ ELVP20AAE2 - Analogue Electronics 2	5
▫ ELVP19ADIG2 - Digital Electronics 2	2
▫ ELVP20APHY2 - Physics 2	2
▫ ELVP18AMATH2 - Mathematics 2	4
▫ ELVP18ACHEM1 - Chemistry 1	5
▫ ELVP15ABIOL1 - Biology 1	3
▫ ELVP17APFS2 - Professional Skills 2	4
Year 2	60
□ Monitoring and Control	30
▫ ELVH19APRS3 - Project Semester 3	6
▫ ELVH17AOOP - Object Oriented Programming	2
▫ ELVH16AMATH3 - Mathematics 3	3
▫ ELVH17ACS - Control Systems	5
▫ ELVH17ADC - Data Communication	5
▫ ELVH17AENT1 - Entrepreneurship 1	1
▫ ELVH17ABIOL2 - Biology 2	3
▫ ELVH17ACHEM2 - Chemistry 2	3
▫ ELVH17APFS3 - Professional Skills 3	2
□ Signal Processing/Robotics with noisy data	30
▫ ELVH17APRS4 - Project Semester 4	6
▫ ELVH19ADSP - Digital Signal Processing	5
▫ ELVH20AROB - Robotics	4
▫ ELVH16AMS - Modelling and Simulation	4
▫ ELVH16ADB - Databases	2
▫ ELVH17ASTA - Statistics	4
▫ ELVH19ADM - Design Methodology	2
▫ ELVH17APFS4 - Professional Skills 4	3
Year 3	60
□ Research and Development	30
▫ ELVH17APRS5 - Project Semester 5	8
▫ ELVH17AENT2 - Entrepreneurship 2	4
▫ ELVH19ARE - Reliability Engineering	3
▫ ELVH17ARESS - Research Skills	2
▫ ELVH20AEMB - Embedded Systems	5
▫ ELVH19ACTSP - Continuous Time Signal Processing	4
▫ ELVH17ACOC - Community Contribution	2
▫ ELVH17APFS5 - Professional Skills 5	2
□ Internet of things/Entrepreneurship	30
▫ ELVH17APRS6 - Project Semester 6	8
▫ ELVH17AENT3 - Entrepreneurship 3	2
▫ ELVH17AAF - Advanced Filter	2
▫ ELVH17AMATH4 - Mathematics 4	4
▫ ELVH20AIOT - Internet of Things Fundamentals	5
▫ ELVH18GCVIP - Computer Vision and Image Processing	4
▫ ELVH17ACOC - Community Contribution	2
▫ ELVH17APFS6 - Professional Skills 6	3
Year 4	60
□ Electives	30
<i>vrije keuzeruimte</i>	

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