Electrical Engineering Major Sensor Technology

Programme	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/Entrepeneurship	*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*
electives	

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