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 - Fundments 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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