

## Electrical Engineering Major Sensor Technology

Programme	EC
Year 1	60
<ul> <li>Health</li> <li>ELVP19APRS1 - Project Semester 1</li> <li>ELVP19AAE1 - Analogue Electronics 1</li> <li>ELVP20APHY1 - Physics 1</li> <li>ELVP19ADIG1 - Digital Electronics 1</li> <li>ELVP18AMATH1 - Mathematics 1</li> <li>ELVP17AFPRO - Fundaments of Programming</li> <li>ELVP15AENG1 - English 1</li> <li>ELVP16APFS1 - Professional Skills 1</li> <li>ELVP10APRS2 - Project Semester 2</li> <li>ELVP19ADIG2 - Digital Electronics 2</li> <li>ELVP19ADIG2 - Digital Electronics 2</li> <li>ELVP18AMATH2 - Mathematics 2</li> <li>ELVP18AMATH2 - Mathematics 2</li> <li>ELVP18AMATH2 - Mathematics 2</li> <li>ELVP18AMATH2 - Mathematics 2</li> <li>ELVP18ACHEM1 - Chemistry 1</li> <li>ELVP15ABIOL1 - Biology 1</li> <li>ELVP17AFPS2 - Professional Skills 2</li> </ul>	30 5 2 2 4 4 4 4 30 5 5 2 2 2 4 5 3 4
Year 2	60
<ul> <li>Monitoring and Control</li> <li>ELVH19APRS3 - Project Semester 3</li> <li>ELVH17AOOP - Object Oriented Programming</li> <li>ELVH17AOP - Object Oriented Programming</li> <li>ELVH16AMATH3 - Mathematics 3</li> <li>ELVH17ACS - Control Systems</li> <li>ELVH17ACS - Control Systems</li> <li>ELVH17ADC - Data Communication</li> <li>ELVH17AENT1 - Entrepreneurship 1</li> <li>ELVH17ABIOL2 - Biology 2</li> <li>ELVH17ACHEM2 - Chemistry 2</li> <li>ELVH17ACHEM2 - Chemistry 2</li> <li>ELVH17APFS3 - Professional Skills 3</li> </ul> Signal Processing/Robotics with noisy data <ul> <li>ELVH17APRS4 - Project Semester 4</li> <li>ELVH19ADSP - Digital Signal Processing</li> <li>ELVH16AMB - Modelling and Simulation</li> <li>ELVH16ADB - Databases</li> <li>ELVH17ASTA - Statistics</li> <li>ELVH17APFS4 - Professional Skills 4</li> </ul>	30 6 2 3 5 5 1 3 3 2 30 6 5 4 4 2 4 2 3 3 3 2 30 6 5 5 4 30 6 5 5 30 6 5 5 30 6 5 5 30 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
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Year 3 Research and Development ELVH17APRS5 - Project Semester 5 ELVH17AENT2 - Entrepreneurship 2 ELVH19ARE - Reliability Engineering ELVH19ARE - Reliability Engineering ELVH19ARES - Research Skills ELVH19ACTSP - Continuous Time Signal Processing ELVH19ACTSP - Continuous Time Signal Processing ELVH17ACOC - Community Contribution ELVH17APFS5 - Professional Skills 5 Internet of things/Entrepeneurship ELVH17APRS6 - Project Semester 6 ELVH17AFT3 - Entrepreneurship 3 ELVH17AF - Advanced Filter ELVH17AMATH4 - Mathematics 4 ELVH17AMATH4 - Mathematics 4 ELVH17AMATH4 - Mathematics 4 ELVH17ACOC - Community Contribution ELVH17ACOC - Community Contribution ELVH17APFS6 - Professional Skills 6	60 30 8 2 5 4 2 2 30 8 2 2 30 8 2 2 4 5 4 2 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Year 4	60

Electives

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