Electrical Engineering Major Mechatronics

Programme	EC
Year 1	**60**
⬜ Electronic Control	*30*
▫ ELVP19GPRJ1 - Project Semester 1	*5*
▫ ELVP19GAE1 - Analogue Electronics 1	*5*
▫ ELVP20GNAT1 - Physics 1	*2*
▫ ELVP19GDIG1 - Digital Electronics 1	*2*
▫ ELVP18GWIS1 - Mathematics 1	*4*
▫ ELVP17GBP - Fundamentals of Programming	*4*
▫ ELVP17GENG1 - English 1	*4*
▫ ELVP17GPV1 - Professional Skills 1	*4*
⬜ Embedded Systems	*30*
▫ ELVP19GPRJ2 - Project Semester 2	*5*
▫ ELVP20GAE2 - Analogue Electronics 2	*5*
▫ ELVP19GDIG2 - Digital Electronics 2	*2*
▫ ELVP20GNAT2 - Physics 2	*2*
▫ ELVP18GWIS2 - Mathematics 2	*4*
▫ ELVP16GTM - Applied Mechanics	*4*
▫ ELVP16GTT - Drafting/CAD	*4*
▫ ELVP17GPV2 - Professional Skills 2	*4*
Year 2	**60**
⬜ Control Systems	*30*
▫ ELVH19GPRJ3 - Project Semester 3	*6*
▫ ELVH17GOOP - Object Oriented Programming	*2*
▫ ELVH17GWIS3 - Mathematics 3	*3*
▫ ELVH17GREG - Control Engineering	*5*
▫ ELVH19GDC - Data Communication	*5*
▫ ELVH17GENT - Entrepreneurship	*1*
▫ ELVH17GMA1 - Mechanical Transmission 1	*2*
▫ ELVH17GPLC - PLC Systems	*4*
▫ ELVH17GPV3 - Professional Skills 3	*2*
⬜	*30*
▫ ELVH17GPRJ4 - Project Semester 4	*6*
▫ ELVH19GDSB - Digital Signal Processing	*5*
▫ ELVH20GROB - Robotics	*4*
▫ ELVH17GEA - Electrical Drive Technology	*5*
▫ ELVH17GMAT - Materials	*4*
▫ ELVH17GMA2 - Mechanical Transmission 2	*4*
▫ ELVH17GENG2 - English 2	*2*
Year 3	**90**
⬜ Internship	*30*
▫ ELVH19GPV4 - Professional Skills 4	*2*
▫ ELVH19GSTG - Internship	*28*
⬜ Electives Electrical Engineering	*60*
electives	
Year 4	**30**
⬜ Graduation Project	*30*
▫ ELVH20GAF - Graduation Project	*30*