

# 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 <i>electives</i>	60
Year 4	30
□ Graduation Project	30
▫ ELVH20GAF - Graduation Project	30