

Elektrotechniek Major Sensor Technology

| Programma | EC |
|--|-----------|
| Year 1 | 60 |
| □ Semester 1 | 30 |
| ▫ ELVP22PRJ1 - Project 1 | 5 |
| ▫ ELVP22AE1 - Netwerkanalyse en Elektronica 1 | 5 |
| ▫ ELVP22APH - Toegepaste Natuurkunde | 5 |
| ▫ ELVP22DE - Digitale Elektronica | 5 |
| ▫ ELVP22EMP - Embedded Programmeren | 5 |
| ▫ ELVP22PUY1 - Power Up Yourself 1 | 5 |
| □ Semester 2 | 30 |
| ▫ Semester 2 | 25 |
| ▫ ELVP22PRJ2 - Project 2 | 5 |
| ▫ ELVP22AE2 - Netwerkanalyse en Elektronica 2 | 5 |
| ▫ ELVP22AMAT - Toegepaste Wiskunde | 5 |
| ▫ ELVP22PLC - PLC Programmeren | 5 |
| ▫ ELVP22PUY2 - Power Up Yourself 2 | 5 |
| ▫ Keuzevak | 5 |
| <i>keuze uit onderstaande vakken</i> | |
| ▫ ELVP22SET - Duurzame Energietechniek | 5 |
| ▫ ELVP22AMEC - Toegepaste Mechanica | 5 |
| ▫ ELVP22CHE - Chemistry in Engineering | 5 |
| 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/Entrepreneurship | 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 |

vrije keuzeruimte

□ Graduation

30

▫ ELVH18AGP - Graduation Project

30

share your talent. move the world.

De ECTS onderwijscatalogus van de Hanzehogeschool Groningen wordt met de grootst mogelijke zorg samengesteld. Het is echter mogelijk dat de inhoud van de catalogus -en de daarin vervatte informatie- verouderd, incompleet of onjuist is. Aan de inhoud van de catalogus kunnen dan ook geen rechten worden ontleend.