

## Minor

### Toegekend diploma

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### Programmaduur

6 maanden

### ECTS credits

30

### Niveau eindkwalificatie

Bachelor

### Vorm

Voltijd

### Taal

Engels

### School

Instituut voor Engineering

### Locaties

Assen

## Minor Technology to Create

### Programmabeschrijving

This minor is offered in semester 1 (starting September)

Translating existing scientific possibilities into new technologies, products or businesses. In this programme you work, together with students from different disciplines, on new creative ideas in the field of product design and intelligent sensors. In a research environment you will design and create a new and useful service or product, or improve an existing concept. This programme is based in Assen, just south of Groningen.

### Leeruitkomsten

In a large project you will work with students from different schools (multi-disciplinary) to form a project team. You will eventually realise the value of working with people with different specialities, while designing and creating a new and useful service or product. Depending upon your background, you will select some of the minor workshops, or make a proposal to follow other relevant lectures and practicals available at that time.

## Programma

| Minor Technology to Create                            | credits |
|-------------------------------------------------------|---------|
| Creative Design                                       | 10      |
| ▫ ELVH16ACRE - Creativity                             | 1       |
| ▫ ELVH16ASUS - Sustainability                         | 1       |
| ▫ ELVH17AUDM - Ullman Design Methodology              | 4       |
| ▫ ELVH17AMP - Mini Project                            | 4       |
| TtC Project 1                                         | 5       |
| ▫ ELVH19ATTC1 - TTC Project 1                         | 5       |
| TtC Project 2                                         | 5       |
| ▫ ELVH19ATTC2 - TTC Project 2                         | 5       |
| Electives                                             | 10      |
| <i>keuze uit onderstaande vakken</i>                  |         |
| ▫ ELVH16ASTB - Sensor Technology Basics               | 3       |
| ▫ ELVH16AML - Matlab                                  | 2       |
| ▫ ELVH20AEMB - Embedded Systems                       | 5       |
| ▫ ELVP19AAE1 - Analogue Electronics 1                 | 5       |
| ▫ ELVP17AFPRO - Fundamentals of Programming           | 4       |
| ▫ ELVP20APHY1 - Physics 1                             | 2       |
| ▫ ELVH16AMATH3 - Mathematics 3                        | 3       |
| ▫ ELVH17AOOP - Object Oriented Programming            | 2       |
| ▫ ELVH17ACS - Control Systems                         | 5       |
| ▫ ELVH17AENT1 - Entrepreneurship 1                    | 1       |
| ▫ ELVH17ABIOL2 - Biology 2                            | 3       |
| ▫ ELVH17ACHEM2 - Chemistry 2                          | 3       |
| ▫ ELVH17APFS3 - Professional Skills 3                 | 2       |
| ▫ ELVH19ACTSP - Continuous Time Signal Processing     | 4       |
| ▫ ELVH18GAP - Anatomy and Physiology                  | 5       |
| ▫ ELVH20GHD - Human Dynamics                          | 5       |
| ▫ ELVH18GMI - Medical Instrumentation                 | 5       |
| ▫ ELVH18GERMD - Engineering rules for medical devices | 5       |
| ▫ ELVH20GIMD - Introduction Medical Diagnostics       | 5       |
| ▫ ELVH19IAI - Artificial Intelligence                 | 4       |
| ▫ ELVH19IEMC - Electrical Magnetic Compliance         | 1       |
| ▫ ELVP19ADIG1 - Digital Electronics 1                 | 2       |
| ▫ ELVP15AENG1 - English 1                             | 4       |
| ▫ ELVH20IIOT - Internet of Things Fundamentals        | 5       |

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.