



# INDUSTRIAL DESIGN ENGINEERING

INTAKE

> **SEPTEMBER**

DEGREE

> **BACHELOR OF SCIENCE**

LENGTH OF STUDY

> **4 YEARS (8 Semester)**

LANGUAGE OF STUDY

> **ENGLISH**

ADMISSION REQUIREMENTS

> **FACH- & ABITUR  
NO NC**

## Programme In Brief

Innovative design is what sets certain products in our home apart from their alternatives. These products do not only need to be aesthetically pleasing but also satisfy functional standards. Industrial Design Engineering teaches you how to fulfil these high standards by combining engineering and design in a unique matter. You will expand your creativity, improve products through technical know-how and learn to understand user's needs. Learning about appropriate materials and efficient manufacturing processes rounds off your knowledge. You learn how to make design decisions ensuring the optimum effectiveness of the resources being used without compromising the quality or desirability of the product.

## Content And Structure of The Programme

Action Learning builds the core of the study programme. Constantly working on live projects, you learn whilst developing ideas, concepts, and solutions for real problems. Feedback from industry clients provides you with valuable insight into the knowledge, skills and attitudes needed in your future profession. During your studies you will learn to work with relevant software and machines. Modern and well-equipped workshops are essential and available on campus. State-of-the-art technologies like 3D printing and laser cutting are a vital part of your studies.

The practical projects are often conducted in collaboration with renowned companies like Philips or Canon, who ask you as a student for example to design and produce a prototype for a new product idea. In both, the 5th and 8th semester, you do an internship to acquire further practical professional insights. You select the industry, the company and the department according to your field of interest. Further international experience can be gathered during your minor doing a semester abroad at one of more than 125 partner universities all over the world. You are strongly advised to follow at least one internship or your minor abroad in a country other than your home country. This time abroad offers you the opportunity to deepen your language and intercultural competences.

## What Can You Expect from Fontys

Studying at Fontys Venlo prepares you ideally for the modern job market and your future career. You benefit from small classes and a Study Career Manager that assists you in your personal and professional development on an individual basis. The unique combination of design and technical know-how helps you to fulfil the requirements of a designer as well as an engineer. Due to your practical and international experiences, you fulfil crucial expectations from employers, resulting in a wide range of opportunities for your career.



> **FOR SOCIETY**

## Your Individual Study Track

With this degree you decide to study in English, getting acquainted with the most commonly used language in business. Moreover, the content of the course is targeted at companies that are active internationally. Two six-month internships will provide you with further insights into business on an international level since you are encouraged to work abroad. Also, the minor in the 6th semester offers you the possibility to visit a foreign country as part of a study abroad minor. This can be done at one of more than 125 partner universities all over the world. Because of the study programme's international focus, you are strongly advised to do at least one internship or your minor abroad, which means in any country of the world despite your home country.

## Study Phases\*

<b>Foundation Year</b>	1 <sup>st</sup> Semester	General Introduction to Industrial Design Engineering
	2 <sup>nd</sup> Semester	
<b>Main Phase</b>	3 <sup>rd</sup> Semester	In-depth study Industrial Design Engineering
	4 <sup>th</sup> Semester	
	5 <sup>th</sup> Semester	Internship (approx. 6 months)
	6 <sup>th</sup> Semester	Minor (e.g. Study Abroad)
<b>Graduation Phase</b>	7 <sup>th</sup> Semester	In-depth study Industrial Design Engineering
	8 <sup>th</sup> Semester	Bachelor Internship (approx. 6 months) + Bachelor Thesis

\*A current and detailed overview is available at: [fontysvenlo.nl](https://fontysvenlo.nl).

## Tuition Fees

Tuition fees 2024-2025 for EU/EEA Citizens \*

1 <sup>st</sup> Year	1.265 / Year
2 <sup>nd</sup> - 4 <sup>th</sup> Year	2.530 / Year

\* For Non-EU/EEA Citizens different tuition fees apply. To identify which tuition fee applies to you please check: [fontys.edu/tuitionfeeindicator](https://fontys.edu/tuitionfeeindicator).

## How much time do you need for your studies per week?

Generally, about 10 contact hours per week are planned for theory. The remaining contact hours (30 hours) are spent on projects, personal development and self-study.

## How is the study load divided?

Self-study 30%

Practice 50%

Theory 20%

## Professional Prospects

The unique combination of design and engineering paired with practical experiences gives you a competitive advantage. You have the chance to work in a variety of professions and industries. Possible future job prospects for Industrial Design Engineering graduates are: Product Developer, Product Designer, Technical Designer, Consultant or Research- and Development Manager.



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## > Open Days

Saturday, 04. November 2023  
10:00 - 14:00

Sunday, 21. January 2024  
11:00 - 15:00

Saturday, 16. March 2024  
10:00 - 14:00

Registration form at:  
[fontysvenlo.nl/events](https://fontysvenlo.nl/events)

## > Student For A Day

Don't miss the opportunity and become a student for a day! You have the possibility to accompany one of our students to lectures and project work in order to get a deep insight into the campus, its learning atmosphere and student life. Possible dates and registration forms can be found at:  
[fontysvenlo.nl/events](https://fontysvenlo.nl/events)

## > Enrollment

In the Netherlands, you use the website [studielink.nl](https://studielink.nl) to arrange your enrollment.

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