ICT & ENGINEERING

Fontys
UNIVERSITY OF APPLIED SCIENCES

WELCOME TO FONTYS UNIVERSITY OF APPLIED SCIENCES

Fontys is one of the largest universities of applied sciences in the Netherlands and offers a wide variety of Bachelor and Master programmes in Dutch and English. Students of more than 100 nationalities study at one of our campuses in the South of the Netherlands.

Fontys was the name given to this University of Applied Sciences on 1 September 1996. The name, that derives from the Latin word 'fons', meaning 'source', refers to the university as a source of knowledge for our students. Fontys is the result of a merger between several Dutch institutions of higher education across the southern Netherlands. A number of these institutions were founded in the early 1900s, and can look back on a long and proud history in education.

44,000

Fontys is one of the largest universities of applied sciences in the Netherlands, with more than 44,000 students spread across several cities.

Fontys offers 30 international Bachelor's and Master's programmes in English, covering a wide range of fields of study including ICT, Engineering, Fine and Performance Arts, Marketing, Business, Communication and Physiotherapy. Large numbers of international students also attend our 50 English-taught exchange programmes.

Our study programmes are very diverse, offering a mix of theory, applied knowledge, internships and graduation assignments. Part of our study programmes is the minor, that offers students the opportunity to broaden or deepen their knowledge. Minors can be followed either at Fontys or another Dutch University (of applied sciences, or research institution) or abroad, at one of our many international partner universities.

For more details of our programmes, visit fontys.edu

Fontys has signed the Code of Conduct: **internationalstudy.nl**

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ENGLISH BACHELOR'S

9
ENGLISH MASTER'S PROGRAMMES

WHAT FONTYS STANDS FOR

Personal attention
We offer inspiring, challenging, high-quality higher education with a focus on conducting practical research that is meaningful for society. We enhance our students' contribution to society by providing them with an open-minded learning environment in which they are part of an (inter)national community. Within this supportive environment, our staff provide personal guidance to allow students to excel in developing their talents.

Partnership with the region
Fontys provides both education and research opportunities. As a broad-based university, we are the largest public knowledge institution in the southern Netherlands. Our goal is to become a driving force for innovation by linking education and research to innovation processes inside and beyond our local region. Thanks to the diversity of its education and research programmes, Fontys makes a considerable impact on every sector of society across the region. Based on the key positions we occupy in each of these sectors, no one living or working in the southern Netherlands remains unaffected by the activities of Fontys, either directly or indirectly.

STUDY LIVE WORK

IN THE NETHERLANDS' SMARTEST REGION

We train large groups of talented young adults in a whole variety of professions. In many cases, even after they have graduated, we are fortunate enough to continue to meet them as colleagues, as internship coaches, as partners in cooperation and research, or as professionals who are keen to further enrich or deepen their knowledge in their own field of interest. We regard ourselves as a knowledge and innovation partner for professionals across the surrounding region(s).

TEC for society

Our education and research activities are intertwined with the demands and needs of our students, both current and future, a wide range of professionals and the (regional) community. Together with our partners in society, we aim to assist in formulating ideas, addressing problems and undertaking research in order to come up with solutions for the issues and questions of the future. This collaboration relies on a set of knowledge and skills in Technology, Entrepreneurship and Creativity.

By mastering these skills, students at Fontys develop an eye for social innovation and an understanding of how technology can generate valuable solutions. Those same students also gain the courage to seek and to accept creative cooperation from a variety of disciplines.

In other words, our graduates, lecturers and researchers are all making use of their TEC skills in delivering a proactive contribution towards a sustainable and fair society. TEC for society.

FONTYS STUDENT AMBASSADORS

fontys.edu/
studentambassadors

FONTYS IS LOCATED AT THE HEART OF THE NETHERLANDS' MOST DYNAMIC REGION

We are located in the most innovative region in the Netherlands and perhaps the whole of Europe. It is the most exciting possible place to be for anyone with an interest in technology, entrepreneurship and creativity. The buzz surrounding our Brainport region – a place we are proud to call home – is felt in practically every corner of the globe. Every location of our university of applied sciences is within a few hours' travel of the country's largest and most important cities. There are also six major airports within a 150 km radius, making travel home – or to any other international destination – easy and convenient.

Eindhoven - Brainport - Europe's leading innovative top technology region
Fontys Campus Eindhoven is at the heart of the Brainport region, a centre of science and technology of international renown, and the perfect environment in which to study and start your career as a professional in ICT, Engineering, Business or Physiotherapy. Eindhoven is the fifth largest city in the Netherlands and is dominated by industrial development, with links to Philips, ASML, DAF and many other high-tech companies that have long been a magnet for knowledge workers and students from abroad. Eindhoven is a lively, modern student city and home to three universities: the University of Technology Eindhoven, the Design Academy and Fontys.

Tilburg - Creative Economy hub
Tilburg is a dynamic city situated at the heart of the region. With a rich cultural heritage and well-known for its many arts events and festivals, Tilburg is also home to a number of cultural institutions. With a population of just over 214,000, Tilburg is the sixth largest city in the Netherlands. Its down-to-earth residents are no strangers to foreign influence and Tilburg is currently witnessing explosive growth in the numbers of international students and expats who have been attracted to the city by the presence of so many multinationals, including Tesla, FUJIFILM, Sony, Ericsson, Schenker Logistics and Coca-Cola.

Tilburg Campus is located on the outskirts of the city and is serviced by excellent bus connections and safe cycling routes.

The impressive Arts Cluster can be found in the city centre, but besides culture and the arts, Tilburg has much more to offer to its student population, for example a vibrant student life. More than 30,000 students study at Tilburg's universities and their presence has helped to transform the city into a hub for creativity and innovation.

Venlo - Where Business, Logistics and Technology come together

In Venlo, a mid-size city located at the Dutch-German border, Fontys offers students a career in one of Europe's strongest economic regions. The proximity to Germany, the Meuse river and six surrounding airports make Venlo one of Europe's most important business and logistics hotspots.

Venlo's entrepreneurial spirit and engineering power is renowned in the field of high tech, agro manufacturing, and retail. US companies such as Amway, Océ/Canon, Office Depot or world-leading local companies such as automotive supplier Inalfa Roof Systems make Venlo a knowledge-intensive and attractive region to study and start a career.

Venlo's international focus and strong sense of entrepreneurship are visible in all study programmes at Fontys Venlo through different projects of which many are conducted in cooperation with companies. The Start-up Factory of our business programmes and the Software Factory of our IT programmes are only two of the many examples of these projects.

Also, the city of Venlo is a safe place to live, study and work. Students can walk on the streets at any time, day and night without being afraid. It is an attractive city with pleasant, friendly streets, beautiful parks, a lively and attractive centre with a big range of cultural and sports activities.

QUALITY STUDENT FACILITIES WITH PERSONAL COACHING AND SUPPORT

PRACTICAL INFORMATION

Admission requirements
Prospective undergraduates (Bachelor) students must be in the possession of a certificate of higher secondary education equivalent to the Dutch standard. Visit **fontys.edu/admissions** to find your level of education in the list of non-Dutch certificates, compared with the Dutch educational system.

English language
All our English-taught programmes require a minimum level of proficiency in the English language. You must be able to demonstrate your level of English language proficiency by submitting evidence in the form of a language test result.

Check out our website for details of the specific language proficiency skills required for each study programme and what applies to you.

HOW TO APPLY

Specific admission requirements and application procedures apply to each study programme. Please refer to the study programme of your choice for further instructions.

If you meet all the admission requirements, you will be invited to apply for enrolment via the Dutch enrolment website **studielink.nl**

Closing dates for application for a Bachelor's programme are:

September intake:
1 June - all programmes for all Non-EU students
15 June - all programmes for all EU students

February intake:
15 November - ICT programmes Eindhoven and IB Venlo

Tuition fees
Tuition fees for students starting a Bachelors programme in September 2020:
€ 2,143 for EU/EER
€ 7,920 for non EU/EER
€ 10,140 (for non EU/EER – For all Technological (ICT, Software, Engineering, Logistics) and Arts programmes)

Please note: tuition fees will increase by approximately 7% for students starting from September 2021 onwards.

fontys.edu/tuitionfees

SCHOLARSHIPS AND LOANS

Scholarships
Fontys offers scholarships for non-EU/EEA Bachelor students. At present, applications are open for the Holland Scholarship, Creative Mind Scholarship and the Top Talent Scholarship. Access to these scholarships is limited, and they are only available for specific study programmes.

For more information about scholarships, requirements and application procedures visit **fontys.edu/scholarships**

Study Finance Loan
Non-Dutch students can apply for student finance (a loan system). Visit the DUO website for eligibility. Even if you fail to meet the nationality criteria for student finance, you may still qualify for a loan covering tuition fees.

Tuition Fees Loan
Even if you are not eligible for a study finance loan, you may still be eligible for a tuition fees loan, depending on your age and nationality (EEA or Switzerland). Check out the DUO website for eligibility requirements. For more information, visit the DUO website.

duo.nl
fontys.edu/finances

Accommodation
Since it is not always easy for international students to find accommodation prior to starting their study programme in the Netherlands, Fontys can offer assistance in securing suitable student accommodation.

Check out **fontys.edu/accommodation** for information, costs and application procedures.

Living expenses (all-inclusive):
€ 600 - € 900 per month

Accommodation costs (rent):
€ 350 - € 600 per month

Visa costs:
€ 171 first year

All-in insurance (optional / highly recommended):
€ 416 - € 653 per year

The actual costs will depend on the city where your study programme is based, the costs included in the accommodation rent and your personal expenditure.

BUSINESS, TECHNOLOGY AND LOGISTICS COME TOGETHER

WHY STUDY AT FONTYS?

easy access to all major cities in Europe

30 international bachelor's / master's degree programmes

50 english-taught exchange programmes

PERSONAL ATTENTION

largest international student community in the Netherlands **BRAINPORT**

Thanks to its education and research work, Fontys has a major impact on almost every sector of society

PARTNERSHIP WITH THE REGION

technology, entrepreneurship and creativity

most dynamic region of the Netherlands

Tilburg creative economy hub

EUROPE'S LEADING INNOVATIVE TOP TECHNOLOGY REGION

THE FONTYS EXPERIENCE

To help you get a taste of our culture, to better understand our teaching methods and to learn more about life as a student at Fontys, we organise open days, student-for-a-day events and individual visits, for prospective students.

We also attend international education fairs and organise school visits abroad. In addition, you can arrange a 'virtual' meeting by joining our webinars or participating in online activities such as online study previews. The best way to get to know the campus and the atmosphere at Fontys is of course a visit to our university.Take the opportunity to meet lecturers, students and maybe even your future classmates.

Unable to attend the open days?
Please feel free to contact us so we can arrange an individual visit to our university. We will be happy to welcome you and assist you in making the right choices. Fontys representatives frequently visit your country, so please check our calendar at **fontys.edu/meetus** to see when and where we can meet.

OPEN DAYS

Saturday 9 November 2019
Eindhoven

Saturday 16 November 2019
Tilburg, Venlo

Sunday 19 January 2020
Tilburg, Venlo

Sunday 26 January 2020
Eindhoven

Saturday 21 March 2020
Tilburg, Eindhoven & Venlo

WHY HOLLAND? WE'LL GIVE YOU 5 GOOD REASONS!

1

WIDE RANGE OF ENGLISH PROGRAMMES

Dutch universities offer the largest number of English-taught programmes in continental Europe. More than 2,100 programmes are taught entirely in English. Also, 95% of the Dutch speak English, so it's easy to communicate in daily life.

2

GOOD VALUE FOR YOUR MONEY

The quality of Dutch institutions is well-recognised. The tuition fees and cost of living are considerably lower than in English-speaking countries. Also, there are lots of scholarship opportunities. The Dutch teaching style is interactive and student-centred. You will develop valuable skills such as analysing, solving practical problems and creative thinking.

3

BIG INTERNATIONAL COMMUNITY

Holland's many international students come from more than 160 different countries. Dutch society is diverse and inclusive. It is strongly connected to other cultures, the business community and the world. The Dutch are open-minded and direct, so it is easy to meet them and exchange ideas.

4

GREAT PLACE TO LIVE

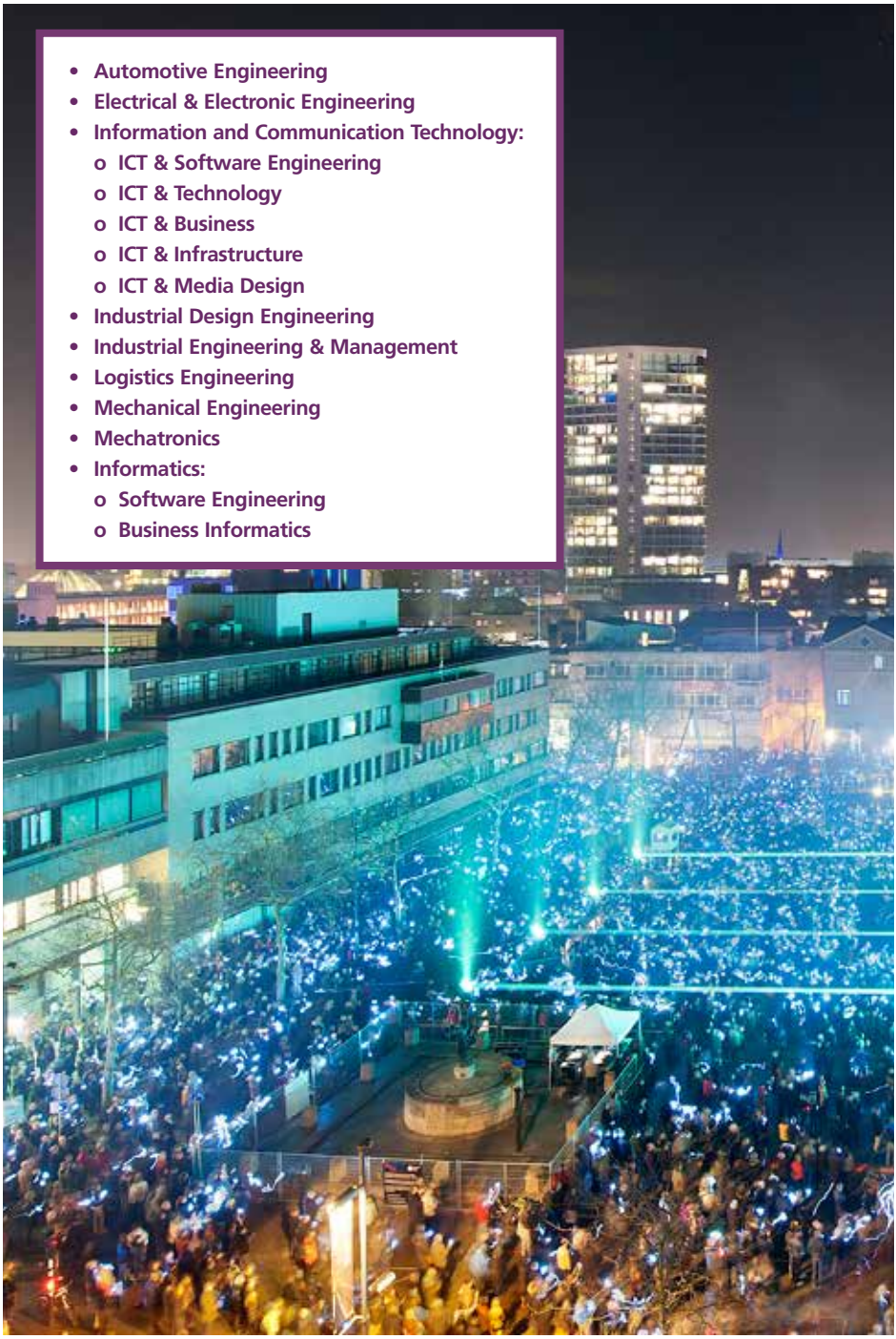
Holland is one of the safest countries in the world, according to the 2018 Global Peace index and belongs to the top 10 happiest countries in the world. Read more about the good Dutch standard of living in the OECD's Better Life Index. Holland has a rich history with historic cities and the highest museum density in the world. Also, Holland is the gateway to Europe! In just three hours you can be in Paris. London and Berlin are just a five or six hour train ride away.

5

EXCELLENT CAREER OPPORTUNITIES

Holland is the 18th largest economy in the world. Some of the world's biggest multinationals, including Philips, ASML, Heineken, KLM, Shell, ING and Unilever, are Dutch. Holland is a world leader in many areas of expertise, including agriculture, water management, art & design, logistics and sustainable energy.

FONTYS
ICT & ENGINEERING



- Automotive Engineering
- Electrical & Electronic Engineering
- Information and Communication Technology:
  - o ICT & Software Engineering
  - o ICT & Technology
  - o ICT & Business
  - o ICT & Infrastructure
  - o ICT & Media Design
- Industrial Design Engineering
- Industrial Engineering & Management
- Logistics Engineering
- Mechanical Engineering
- Mechatronics
- Informatics:
  - o Software Engineering
  - o Business Informatics

BRAINPORT REGION

Fontys Eindhoven and Venlo are both located in the Southeastern Netherlands in a world-class top technology region known as the 'Brainport'. Here, high-tech and design are combined with advanced high-end manufacturing industry and entrepreneurship. Close collaboration and knowledge sharing are part of the region's DNA, and typical of the open innovation culture that makes Brainport both smart and strong. By quickly anticipating and responding to rapid global changes, and by constantly connecting to new students, Brainport creates new opportunities. Those opportunities in turn attract students, talent and enterprises from all over the world. Entrepreneurs, schools, universities and government come together to create a unique business climate in the Brainport region. The partners within the Brainport region are working together to identify solutions for the challenges facing today's society in the fields of health, mobility, energy, education and safety. As the high-tech growth accelerator for the Dutch economy and an integral part of the technological backbone of Europe, Brainport is a global frontrunner in innovation.

Fontys has been collaborating with more than 100 companies in the fields of ICT and engineering (our partners in education) right across the Brainport region, for many years. For an indication of those partners, check out: **piefontysict.nl**

With the knowledge and skills they acquire, graduates from Fontys are qualified for employment as high-level engineers right across the ICT and engineering sector. The range of jobs is highly varied and depends on the specialisation selected by individual students.


For detailed information about our bachelor's programmes, please visit our website:
FONTYS.EDU
Partner
BRAINPORT EINDHOVEN

AUTOMOTIVE ENGINEERING

The vehicles of today are composed of intelligent systems connected to each other. There is a huge demand for lightweight vehicles that are able to communicate with their environment and this requires specialists who are willing to identify the limits in the field and push beyond them. The Automotive Engineering programme will teach you how to design, create, and test these vehicles. As an automotive engineer, you will collaborate to the development of innovative electric vehicles and the communication and navigation systems that operate in tandem with the vehicle and its environment. You will also work on creating sustainable, solar energy applications for heavy-duty vehicles.

This 4-year English taught study programme, leading to the international Bachelor of Science (BSc), focuses on a combination of theory, practice, and project work. For the first two years, every student will have the same theory and practicum-based curriculum. Starting in the third academic year, you will be able to make curriculum choices based on your own interests. Specifically, choosing your internship and minor allows you to guide and deepen your individual study programme. The design of the programme is highly personalised, which enables you to get to know the team of lecturers very quickly and to feel comfortable almost immediately. At the beginning of your studies, you will be assigned a study supervisor, who will help to guide you throughout the programme.

The first two years take place in the beautiful newly renovated building De Rondom on the campus of the Technical University of Eindhoven located just a stone's throw from vibrant downtown Eindhoven. The last two years of the programme are housed on the Automotive Campus in Helmond where nearly 50 automotive Dutch and international companies and research institutes collaborate to design and build the vehicles of the future.

EINDHOVEN
BACHELOR OF SCIENCE

fontys.edu/
technologyandbusiness

ELECTRICAL & ELECTRONIC ENGINEERING

Electronical and electronic engineers design and develop the consumer goods and the systems used by machines and equipment in industrial applications, from mobile communication and computing through to aerospace.

The curriculum of the EEE Bachelor's programme is offered in the context of 4 themes: Sound Engineering, Care & Cure, Smart & Sustainable and Connected World. The knowledge and skills acquired within this programme qualifies graduates for employment as high-level electronic engineers, in particular in the field of electronic design and development.

For graduates from Fontys, future career opportunities are excellent. Possibilities include a career in the (automotive) industry, industrial companies such as Philips and ASML, and engineering positions in hospitals, the armed forces, at lighting and audio companies, or even in the world of theatre.

EINDHOVEN
BACHELOR OF SCIENCE

fontys.edu/eee

INFORMATION & COMMUNICATION TECHNOLOGY

ICT is the term that refers to technologies related to the Internet, wireless networks and cell phones, as well as the latest software developments. The Fontys ICT Bachelor of science in Eindhoven offers 5 study programmes: ICT & Software Engineering, ICT & Technology, ICT & Business, ICT & Infrastructure and ICT & Media Design.

The first semester is identical for all five Bachelor's programmes, giving all students an opportunity to identify which programme suits them best. From semester two onwards, they can choose to continue either in ICT & Software Engineering, ICT & Technology, ICT & Business, ICT & Infrastructure or ICT & Media Design. Additional specialisation modules are also available, such as Applied Data Science, Cyber Security, Game Design and Technology, Management and Security, Open Innovation and Smart Mobile.

ICT & SOFTWARE ENGINEERING

This study field teaches students about designing, developing and maintaining software for all kinds of applications. They will learn to translate the requirements identified by clients into a software design that is then implemented via a number of programming languages (C#, Java).

ICT & TECHNOLOGY

Software can be found today in practically every device, from a television to a heart defibrillator, and from a watch to a lift. This study programme focuses on writing software for all these devices. Students are trained to become experts in software development, in particular in so-called embedded software and industrial automation.

ICT & BUSINESS

Business IT specialists understand the use of ICT in organisations, to help businesses achieve their objectives. A Business IT specialist not only understands how to analyse organisations and business processes but is also able to offer advice on solutions and to translate those solutions into actual designs. The ICT & Business graduate understands the technology involved and is able to discuss and solve complex IT problems, while at the same time speaking the language of management.

ICT & INFRASTRUCTURE

In the ICT & Infrastructure bachelor study programme you will be trained as an infrastructure specialist. You will be the engineer who ensures that all information and communication systems work optimally and continue to work on the infrastructure that has been created. Infrastructure specialists also know how to manage, monitor and secure all IT-resources. You will be capable of advising on a new infrastructure, designing, testing and realizing it from a set of requirements and new technology.

ICT & MEDIA DESIGN

Students of ICT and Media Design are responsible for inventing and creating valuable ICT-based applications for new media. They will learn to critically assess the role of media in society, and identify their personal talents. As part of this study programme, they will learn to understand concepts that enable them to become creative thinkers and designers, based on thorough knowledge of and expertise in ICT issues. These students are taught to elaborate ICT-based media concepts aimed at a particular target group. They learn to build useful applications and will have the opportunity to experiment and develop their technical and artistic talents.

EINDHOVEN BACHELOR OF SCIENCE

fontys.edu/ict

INDUSTRIAL DESIGN ENGINEERING

Industrial Design Engineering is a study programme that combines the beauty of design with the elegance of engineering and technology. The industrial design engineer is best described as the person responsible for joining the dots in the development of a new product or new system. In addition to their own competences, industrial design engineers understand the skills of fellow engineers and are capable of combining those skills in collaboration, to create intelligent solutions to design problems.

The industrial design engineer is involved in the entire process, from a new product idea right through its (mass) production. The products in question range from simple objects like a coffee mug or a toy through to the interior of an aircraft or a ground-breaking car design. Constantly taking account of the needs of the (future) user, although the engineer's work involves 'design and finesse', their products also function in the real world, and in most cases are intended for mass production.

As an industrial design engineer, you will be able to work anywhere in the world, wherever new ideas are needed for the creation of innovative products. Equipped with both technical skills and design thinking capabilities, you are qualified to become an innovator at a major international company, a user interface designer for a start-up, or perhaps to start your own business, or anything in between. The opportunities are endless. No matter what career path you choose, you will employ a unique blend of art and science to achieve your goal, because that is in your DNA.

VENLO
BACHELOR OF SCIENCE

Fontys.edu/IDE

INDUSTRIAL ENGINEERING & MANAGEMENT

Industrial Engineering & Management is a study programme that teaches a broad variety of topics, ranging from technology to economics and from strategy to human resources. The goal of the study programme is to prepare students for a management position in a 'technology' company. This could be a company that develops and manufactures high-tech products, or a company focused more on manufacturing or logistics.

With hundreds of companies within 50 kilometres of the university, Eindhoven's Brainport region is the ideal environment for studying Industrial Engineering & Management. The proximity of so many industrial companies is essential for this study programme, since much of the time will be spent at one or more of these companies.

Right from day one of the study programme our students will start building a relevant CV, and by the time they graduate they have all the knowledge, skills and experience they need to immediately take on significant responsibility within the company of their choice. The central focus of this study programme is problem solving in the fields of development, manufacturing and logistics, with the aim of lowering costs, improving quality, delivering goods faster, and increasing reliability.

EINDHOVEN
BACHELOR OF SCIENCE

fontys.edu/IEM

LOGISTICS ENGINEERING

Buying an iPhone or car may sound simple, but all products are preceded by major logistical processes. Just think of the various components that have to be collected from all over the world. The production and delivery of goods must always be of good quality, and must take place at the right time, in the right quantity and at the right place. The study of logistics teaches students how to manage and improve the logistical flow of goods. This study field trains its graduates for related jobs in many different companies, from automotive and pharmaceutical through to wholesale and retail companies.

The first eighteen months focus on warehousing, distribution and production logistics on an operational, tactical and strategic level. Students then specialise in either Logistics Management or Logistics Engineering.

Logistics Engineering deals with operational management and the engineering aspects of logistics, for example setting up new smart warehouse layouts, advising customers on the introduction of new IT systems for stock management or analysing and re-engineering the goods and information flow from supplier to customer. A graduate in Logistics Engineering, as the name suggests, is an engineer. Employment opportunities include positions as logistics consultant, distribution network designer or process manager at companies such as Amazon, Lufthansa or Samsung, all requiring a thorough understanding of the needs of people, processes and systems.

VENLO
BACHELOR OF SCIENCE

fontys.edu/
logistics-engineering

MECHANICAL ENGINEERING

This study programme focuses strongly on the design and construction of machines and devices. From oil rigs to the plastics industry and from rollercoasters in amusement parks through to handheld devices and industrial machinery, mechanical engineers are to be found everywhere. As designers who also understand how underlying processes work, mechanical engineers focus on the design, manufacture and placement of equipment, installations and machinery.
In short, they make things better.

Are you interested in making a machine more energy-efficient? Or ensuring that a production process generates less waste? As a mechanical engineer, you can make these things happen! Mechanical Engineering graduates find employment in a variety of sectors. Many are employed in the field of design and engineering or research and development while others are attracted by production and automation or energy and environmental technology.

EINDHOVEN
BACHELOR OF SCIENCE

fontys.edu/mechanical

MECHATRONICS

This programme is a combination of electrical and electronic engineering, mechanical engineering, control systems and software. You will be a designer and a creator. Mechatronics is about making simpler, more economical and reliable systems that can do something independently. From design to making a robot: the bachelor programme Mechatronics has a focus on robotics and control technology.

Mechatronic engineers design or select sensors and actuators, develop control algorithms and use or develop advanced functional materials for the design of mechanical systems such as welding robots in a production line, surgical robots but also cruise control systems in cars and many more.

Future jobs for Mechatronics graduates are diverse and it is anticipated that mechatronics engineers will have excellent career opportunities. Nowadays the demand from the industry for Mechatronics engineers exceeds the supply. Think of a job in research and development, industrial automation or service and maintenance.

EINDHOVEN
BACHELOR OF SCIENCE

fontys.edu/mechatronics

INFORMATICS:
▪ SOFTWARE ENGINEERING
▪ BUSINESS INFORMATICS

Today we live in a 'connected world'. People are connected by social media, and devices are connected to each other. Our lives are becoming increasingly dependent on computers. Take for example apps on mobile devices, web applications and cars; all are examples of software-based products. Smart people with technical skills are needed to develop those systems. The necessary technical skills can be learned in the study programmes Software Engineering and Business Informatics.

The first three semesters of the study programmes are identical for both Software Engineering and Business Informatics, and deal with such subjects as computer basics and security, databases and programming concepts.

From semester four onwards, students will specialise in Software Engineering or Business Informatics and may choose from a variety of subjects including machine learning, virtual/augmented reality and enterprise software development. Small, multinational classes guarantee personal attention for every student, and a rich cultural exchange environment for all our international students.

SOFTWARE ENGINEERING

Software Engineering relates to the complete process surrounding the development and improvement of computer applications; from initial idea, via implementation through to going live, and maintenance. Both from a technical perspective and from a user perspective, these are challenging processes. To be usable and acceptable, applications must fit the needs of the user. As a software engineer, you will learn to develop and implement state-of-the-art computer applications that are truly usable in practice.

BUSINESS INFORMATICS

Business Informatics professionals bridge the gap between users and developers of computer systems. They are the 'missing link' between business and IT. First and foremost this requires extensive basic technical knowledge, but that also calls for an understanding of key business processes, and how they can be supported by information technology. Students will acquire an analytical work approach that will enable them to embed IT in a whole range of different environments.

VENLO
BACHELOR OF SCIENCE

fontys.edu/se-and-bi

FONTYS ICT PROGRAMMES WERE RANKED '**EXCELLENT**' IN 2018, BY **THE DUTCH ACCREDITATION AUTHORITY**

For more information:
NVAO.COM