

# FONTYS UNIVERSITY OF APPLIED SCIENCES

2018 - 2019

THINK  
BIGGER



Fontys

UNIVERSITY OF  
APPLIED SCIENCES



# 8 REASONS TO STUDY IN THE NETHERLANDS

## Fontys University of Applied Sciences

Fontys is the largest university of applied sciences in the Netherlands, with over 44,000 students in various cities. With 50 nationalities from all over the world, we have the second largest number of international students in the Netherlands.

We offer bachelor and master programmes in English, covering a wide range of fields such as software, business, arts, engineering and logistics. Despite the large number of students, education at Fontys is organised on a small scale.

We are a university known for project-based education with a tight connection to the work field. Fontys has been ranked as one of the five best Dutch Universities of Applied Sciences.



### 1. Many study programmes in English

Although Dutch is the national language, the majority of the population also speaks English and very often another foreign language, such as German or French. Worldwide Holland is the second best in English proficiency as a non-native English speaking country.

### 2. Get high quality education and value for your money

The quality of Dutch institutions is recognised worldwide. The tuition fees and cost of living are considerably lower than in English-speaking countries.

### 3. Be part of an international community

Holland has about 90,000 international students coming from 190 different countries. Dutch society 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. Develop valuable skills and be more successful

The Dutch teaching style is interactive and student-centred. Studying in Holland means developing your own opinion, an open mind and increasing your international orientation. You will develop valuable skills such as analysing, solving practical problems and creative thinking.

### 5. Live in one of the safest and happiest countries in the world

Holland is one of the safest countries in the world, according to the 2016 Global Peace index and belongs to the top 10 happiest countries in the world.

### 6. Have the rest of Europe at your doorstep

An international trip is just around the corner. In just three hours you can be in Paris. London and Berlin are just a five or six hour train ride away. Holland is the gateway to Europe!

### 7. Get plenty of international career opportunities

Holland is the 17th largest economy in the world. Some of the world's biggest multinationals, including Philips, Heineken, KLM, Shell, ING and Unilever, are Dutch.

### 8. Start a career in Holland after graduation

The Dutch government wants to attract knowledge and retain talent. International graduates can therefore apply for a residence permit of one year to find a job, or start a business within three years of graduation.





## Nikolaj Zukov

*Student of Electrical & Electronic Engineering from Lithuania*

For me it was clear very soon that I wanted to start my study at Fontys University of Applied Sciences in Eindhoven. Right from the beginning I received answers to all my questions in a very good way. I was even invited to visit an Open Day to make sure that I wanted to study here. I was struck by the number of laboratories. Afterwards, I prepared all necessary documents and sent them to Fontys. All in all, the application procedure is quite simple! Students come from all over the world, from China to Venezuela. I am in a group of about 30 students which is very similar to high school. In my free time I go to the sports centre to play football, swim or work out in the gym. So far I can say that I am very happy and satisfied about my studies at Fontys!



Nikolaj Zukov

## Communication bachelors

### International Event, Music and Entertainment Studies (IEMES)

Duration: 4 years Start: September  
Degree: Bachelor of Arts Language: English or Dutch  
Location: Tilburg

Several of the Netherlands' most successful export products derive from the Creative Industries: TV formats like The Voice, and Electronic Dance Music (EDM) have become huge players in the entertainment industry. The study programme IEMES has an interdisciplinary approach in combining communication courses with courses concerning the events, music and entertainment industries. Students are trained to become communication specialists and to develop concepts for the creative industries. Whether your future goal is to organize festivals, develop TV concepts or run a music platform – there's something for everyone to be found at IEMES, for example: Event, Music, Live entertainment, Television, Film, Gaming and Visitor Attractions. Website: [fontys.edu/iemes](http://fontys.edu/iemes).

### International Professional Communication Management (IPCM)

From September 2018, IPCM will be offered in English. Please see [fontys.edu/IPCM](http://fontys.edu/IPCM) for more information.

## Logistics Management & Engineering bachelors

### International Fresh Business Management (IFBM)

Duration: 4 years Start: September  
Degree: Bachelor of Science (BSc) Language: English, German or Dutch  
Location: Venlo

To find fresh products such as vegetables or fruits in today's supermarkets is regarded as absolutely normal. But how do they find their way to your shopping basket? What are the right steps to take from the moment a product is produced until the moment the consumer eats it? How are food and other fresh products produced, packed, traded, transported and sold? Who 'develops' new food and fresh concepts? How is it guaranteed that everything is in good condition, healthy and 'value for money'? Answering these questions and many more, is what you learn about in International Fresh Business Management (IFBM). Within IFBM you learn about marketing and logistics of fresh products. Moreover, you acquire basic knowledge of accountancy, economics, management skills and communication skills. This knowledge is not only collected in the classroom, but also by visiting various companies and conducting projects for companies like a tomato producer, or a packaging factory. Website: [fontys.edu/ifbm](http://fontys.edu/ifbm).

### Logistics

Duration: 4 years Start: September  
Degree: Bachelor of Business Administration (BBA) Language: English  
or Bachelor of Science (BSc) Location: Venlo

Carrying products such as jeans, mobile phones from A to B. That sounds simple but there is more to it than you think. At the time that the new iPad version is ready for sale, many logistics processes had to be done first. Think of the various components that had to be collected from all over the world. The production and delivery of goods must always be of good quality, at the right time, in the right quantity and at the right place. When studying logistics you learn how to manage and improve the logistical flow of goods. This study field offers you related jobs in many different companies: from automotive, pharmaceutical to wholesale and retail companies. In the first 1,5 years you will learn about Warehousing, Distribution and Production Logistics on an operational, tactical and strategic level. After that you specialize in either Logistics Management (Economics), or Logistics Engineering. Websites: [fontys.edu/logistics-management](http://fontys.edu/logistics-management) & [fontys.edu/logistics-engineering](http://fontys.edu/logistics-engineering).

#### *Logistics Management (Economics) (LM)*

With LM you choose for the managerial side of logistics. You are in charge of generating important information to control and improve your business performance. Meeting customer delivery agreements and setting up collaborations with suppliers belongs to your tasks. Besides being taught in logistics, you'll deal with business economics, statistics and management skills which prepare you for your future employment. Within the study programme LM you'll learn how to be fully able to expedite the development of new business opportunities. All in all, in Logistics Management (Economics) you specialise to become a manager. You lead a team or department and are responsible for the planning and execution of logistical processes.

#### *Logistics Engineering (LE)*

LE deals with managing operations and the (re)engineering side of logistics. Setting up new warehouse lay-outs, advising customers in introducing new IT systems for stock management or analyzing and re-engineering the goods and information flow from supplier to customer are topics logistics engineers deal with. In LE you become an engineer. You work as a logistics consultant in projects, understanding the requirements of people, processes and systems.



## Trend Research & Concept Creation in Lifestyle bachelors

### International Lifestyle Studies (ILS)

Duration: 4 years  
Degree: Bachelor of Arts  
Location: Tilburg

Start: September  
Language: English or Dutch

Lifestyle is all about the way in which people shape their lives: sports and exercise, health, food, work and leisure time, looks, fashion, home and personal environment. International Lifestyle Studies teaches students to gain insight into the lifestyles of various groups of people within our society. Students learn how to research mentality trends as to these subjects. They use this knowledge to develop new lifestyle concepts that enhance the quality of these people's lives, both on an individual as well as on a societal level. Website: [fontys.edu/ils](http://fontys.edu/ils).

## ICT and Engineering bachelors

### Industrial Engineering & Management

Duration: 4 years  
Degree: Bachelor of Science (BSc)  
Location: Eindhoven

Start: September  
Language: English

This programme is teaching you a broad variety of topics ranging from technology to economics, strategy and human resources. The goal is to prepare you for a management position in a 'technology' company. This may be a company that develops high-tech products but also a company focussing on manufacturing or logistics. The Brainport Eindhoven region offers a splendid environment for studying Industrial Engineering & Management because hundreds of companies within 50 kilometers of the university are falling in this area. Your study, for a large part, will be with and within some of these companies. Together with fellow students, lecturers and company coaches you will discover what you need to be a successful industrial company manager. The education focuses on problem solving in the areas of development, manufacturing and logistics such as lowering costs, improving quality, delivering goods faster and increasing reliability. Website: [fontys.edu/iem](http://fontys.edu/iem).

### Mechatronics

Duration: 4 years  
Degree: Bachelor of Science (BSc)  
Location: Eindhoven

Start: September  
Language: English

The Mechatronics 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: Mechatronics has a focus on robotics and control technology. Mechatronics 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.

### Electrical & Electronic Engineering (EEE)

Duration: 4 years  
Degree: Bachelor of Science (BSc)  
Location: Eindhoven

Start: September  
Language: English

Electronic engineers are producing the next generation of computers, satellites and mobile phones. A lot of equipment, devices and products rely on electronics and it is difficult to think of any area of life that has not been affected by developments in electronics. The curriculum of the EEE programme is offered in the context of 4 themes: Sound Engineering, Care & Cure, Smart & Sustainable, and Connected World. With the knowledge and skills gained in this bachelor programme you can work as high-level engineers especially in the field of electronic design and development. You may think of careers in the (car) industry in companies like Philips and ASML but also engineering jobs in hospitals, lighting and audio companies and even the theatre world. Examples of possible professions are: electronic designer, product engineer, researcher in Electronics, project leader, home automation designer, and hardware specialist. Website: [fontys.edu/ee-engineering](http://fontys.edu/ee-engineering).

### Mechanical Engineering

Duration: 4 years  
Degree: Bachelor of Science (BSc)  
Location: Eindhoven

Start: September  
Language: English

Mechanical Engineering has a strong focus on the design and construction of machines and devices. From oil rigs to the plastics industry, through roller coasters in amusement parks to devices and machines, everywhere you will meet





**Jonan Kouwenhoven**  
*Student of International  
 Event, Music & Entertainment  
 Studies from the Netherlands*

International Event, Music & Entertainment Studies (IEMES) is more than organizing events. You can also enter the gaming industry, television or radio, or end up at a company's communication department. I thought I wasn't creative but here, I learned to create posters and flyers using Photoshop Indesign Illustrator. I'm quite proud. The atmosphere here is relaxed and it's not formal at all. I can easily approach lecturers. I also like the combination of creativity, organization, and communication, that's where IEMES shines. My ambition is to start my own techno label. I can choose my own direction at IEMES. There are courses that can help me get there. During your education, it's important to begin connecting, to show yourself. It can help you find an internship or a job.

mechanical engineers. He or she is an all-rounder with a technical background. Mechanical engineers focus on designing, making and placing of equipment, installations and machinery. They make things "better". Are you up for making a machine more energy efficient? Or ensuring that a production process produces less waste? Mechanical Engineering graduates can work in many sectors. Often you will work in the field of design and engineering or research and development. Also, production and automation of energy and environmental technology are interesting fields for you. Think of positions like mechanical designer, researcher, maintenance engineer, constructor, planner, product engineer or entrepreneur. Website: [fontys.edu/mechanical-engineering](http://fontys.edu/mechanical-engineering).

**Information & Communication Technology (ICT)**

Duration: 4 years Start: September and February  
 Degree: Bachelor of Science (BSc) Language: English  
 Location: Eindhoven

ICT refers to technologies related with the internet, wireless networks, cell phones but also with latest software developments. The ICT programme has three specialisations: ICT & Software Engineering, ICT & Business and ICT & Technology. The first semester is identical for all three bachelor programmes. This gives you an opportunity to find out what programme suits you best. From the second semester you can choose to continue either in ICT & Software Engineering, ICT & Business or ICT & Technology with specialisations in Cyber Security, Game Design & Technology, Management & Security, Open Innovation, Smart Mobile, Applied Data Sciences, Digital Publishing and many more. Website: [fontys.edu/ictprogrammes](http://fontys.edu/ictprogrammes).

*ICT & Software Engineering*

This programme is about designing, developing and maintaining software for all kind of applications. You learn to translate the requirements from clients into a software design, and to implement the software design with a programming language (e.g. in C#). Subjects you will study are e.g.: Object Oriented Development; Operating Systems; Client Server Applications; System Development; Networking; Web-applications; Mobile Programming.

*ICT & Business*

Business IT-specialists know how to apply ICT in organizations to achieve their objectives. A business IT specialist knows how to analyze organizations and business processes but is also able to give advice on solutions and transfer these solutions into design and its implementation. Subjects you will study are e.g.: System Development; Web-applications; Business Economics; E-Business; Supply Chain Management; IT-Service Management.

*ICT & Technology*

Nowadays, you will find software in almost every device, from televisions over heart-defibrillators and watches to elevators. Within our ICT & Technology programme we focus on writing software for all these devices. We will train you to become an expert in software development, especially in the so-called embedded software. Subjects you will study are e.g.: Object Oriented Development; Embedded Software; Web-applications; Sensors/Actuators; C/C++; Operating Systems; Client Server Applications; Mobile Programming.

**Software Engineering and Business Informatics**

Duration: 4 years Start: September  
 Degree: Bachelor of Science (BSc) Language: English  
 Location: Venlo

We're living in a 'connected world'. People are connected by social media and devices are connected to each other. Our lives become more dependent on computers. Think about apps on mobile devices, web applications, (serious) games and cars; all examples of products based on software. Smart people are needed to develop those systems. People with technical skills who are aware of the scope and potential of these applications. These technical skills are learned in the study programmes Software Engineering and Business Informatics. The propaedeutic phase is the same for both Software Engineering and Business Informatics. Afterwards, you choose your specialisation. During the final part of your studies, the internship, the Software Factory (project in cooperation with companies) and the graduation project are main components. Website: [fontys.edu/softwareengineering](http://fontys.edu/softwareengineering).

*Software Engineering*

Software Engineering is about the complete process around the development and improvement of computer applications; from the first idea via implementation to going live and maintenance. This is a challenge from a technical perspective, but also from a user perspective. Applications have to fit user needs, in order to be usable and acceptable. The development and implementation of state of the art and usable computer applications is what you learn.

*Business Informatics*

Business Informatics professionals bridge the gap between users and developers of computer systems. You are the person between the business and IT. A thorough technical base knowledge is absolutely necessary. Furthermore, you'll learn about important business processes, and how those can be supported through the use of information technology. You'll learn how to work in an analytical way, enabling you to embed IT in many different environments.



## Admission requirements

As a prospective Bachelor's student you must have a diploma of higher secondary education that is equivalent to Dutch standards. Also, for all course programmes conducted in the English or German language, a minimum level of language proficiency is required:

English taught programmes:

English language proficiency at IELTS 6.0 level or equivalent.

German taught programmes:

German language proficiency at DSH level or equivalent.

Admission requirements vary per study programme. Please visit [fontys.edu](http://fontys.edu) for the admission requirements per study programme.

## How to apply

For instructions regarding the application procedure, please refer to the study programme of your choice at [fontys.edu](http://fontys.edu).

Deadlines to apply for a bachelor programme are:

September intake: 15 June

February intake: 15 November

## Tuition fees

Tuition fees for students starting in September 2018:

2050 € for EU/EER

7500 € for non EU/EER

9500 € for non EU/EER – engineering programmes

Please mind, the tuition fees will increase with about 7% for students starting in September 2019.

## Study costs

Living expenses (incl. accommodation): € 500 - € 800 (monthly)

Visa costs: € 315

All-in insurance (optional): € 442 (annually)

## Funding and scholarships

All Bachelor's students coming from EU/EEA countries are eligible for a student loan from the Dutch government to pay for their tuition fees if they meet certain requirements. Most students have a part time job in order to pay for their monthly expenses or just to have an extra income. In certain cases, EU/EEA students who work next to their studies are eligible for further loans. More information regarding student loans can be found on [duo.nl](http://duo.nl).

We offer a limited number of scholarships for non-EU/EEA Bachelor's students. Currently we offer the Holland Scholarship, Creative Mind Scholarship and the Top Talent Scholarship. Please visit the Study at Fontys section at [fontys.edu](http://fontys.edu) for more information regarding these scholarships.

## Accommodation

As it is not always easy for international students to find accommodation prior to studying in the Netherlands, Fontys offers assistance in securing suitable student accommodation. Through our own student dormitories and contracts with landlords Fontys offers enough places to accommodate all its international students.



## 6 reasons to study at Fontys

### 1. Live, study and work in a Smart Region

Fontys is located in the South-East of the Netherlands. Internationally, the region is known as Brainport Region; a top European centre of science and technology. It is also the main logistics hot spot of the Netherlands. These facts make the Brainport one of the strongest economic regions in Europe with a great choice of companies for doing internships and sufficient vacancies to start up your career in an international environment.

### 2. Practical orientation preparing you for an international career

The bachelor programmes at Fontys are practically orientated. During your studies, you will work on various projects such as starting your own company or developing a robot to solve a certain problem. Additionally, you will do two internships during the course of your studies that shall significantly increase your chances of getting a good job during and/or after studies.

### 3. Live in an attractive city

Fontys is located in safe cities with pleasant, friendly streets, beautiful parks, a lively and attractive centre as well as cultural and sporting activities of international standing.

### 4. Great accessibility

There are good transportation facilities by car, train, plane and bike to all Fontys campuses and cities. Especially, the over 6 surrounding airports in the range of 150km make it easy to travel back home for holidays and other occasions.

### 5. Lots of sports facilities

Fontys offers its students a large variety of sports facilities such as swimming, fitness, rowing, squash, football, tennis, basketball, urban dance etc.

### 6. We can find you a home

Fontys is one of the few Dutch universities with own student housing. Thus, it can guarantee accommodation to all international students that apply on time. Usually, students rent a room in a student apartment and share a kitchen and a bathroom with other students. All student apartments are furnished.

## Meet us

We organise open days and individual visits for our prospective students. A visit to our university is the best way to get a taste of the campus and its atmosphere. You can meet lecturers, students and maybe even your future classmates.

Our open days are organised at the following dates:

- 11 November 2017 from 10.00 – 15.00h (Eindhoven)
- 18 November 2017 from 10.00 – 15.00h (Tilburg and Venlo)
- 21 January 2018 from 11.00 – 15.00h (Eindhoven)
- 28 January 2018 from 11.00 – 15.00h (Tilburg and Venlo)

If you are unable to come to Fontys or to one of these events, we also offer a range of online activities. Please check the calendar for more information on [fontys.edu/meetus](http://fontys.edu/meetus).

## Master programmes

For students that wish to continue their higher education Fontys offers several master programmes:

- Master of Science in Business and Management (Venlo/Plymouth)
- Master of Science in International Logistics/Supply Chain Management (Venlo/Plymouth)
- Master of Architecture (Tilburg)
- Master of Urbanism (Tilburg)
- Master of Music (Tilburg)
- Master Performing Public Space (Tilburg)

For more information on these programmes go to [fontys.edu/masters](http://fontys.edu/masters).



## Contact

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Email: [ICTandEngineering@fontys.nl](mailto:ICTandEngineering@fontys.nl)  
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### Fontys Campus Tilburg

#### Visiting address

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