

# EXCHANGE

# PROGRAMMES



> FOR SOCIETY



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# STUDYING AT FONTYS UNIVERSITY OF APPLIED SCIENCES IN THE NETHERLANDS

Fontys is one of the most forward-looking and largest Universities of Applied Sciences in the Netherlands. We offer Bachelor, Master and Exchange programmes in a variety of fields, including ICT and engineering, business, the arts, logistics, communication and health. Fontys is the place to be for anyone who is interested in technology, entrepreneurship and creativity. Students of more than a 100 different nationalities can be found studying at our campuses.

Our campuses are located in three cities. **Eindhoven**, capital of the 'Brainport' region, is recognised as Europe's leading region for innovation and top-flight technology; **Tilburg** is known as the home of creativity, arts and business; and **Venlo**, where business, logistics and technology come together.

## 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. We have over 450 partnerships with universities in more than 50 countries. Students who come to study, fulltime or for a semester, meet and study with students from all over the world.

For more details of our programmes, visit [fontys.edu](https://fontys.edu)

Fontys has signed the Code of Conduct: [internationalstudy.nl](https://internationalstudy.nl)

**21** ENGLISH BACHELORS

**9** ENGLISH MASTER'S PROGRAMMES

**50** ENGLISH TAUGHT EXCHANGE PROGRAMMES





**WE OFFER BACHELOR, MASTER**

**AND EXCHANGE PROGRAMMES**

**IN A VARIETY OF FIELDS, INCLUDING**

**ICT & ENGINEERING, BUSINESS,**

**ARTS, LOGISTICS, COMMUNICATION**

**AND HEALTH.**



## ABOUT FONTYS

At Fontys you are our focus, from supporting you when enrolling, and finding your way around Fontys and the Netherlands.

We offer challenging, high-quality and well-organised education. Education at Fontys is based on the pillars of knowledge, skills, professional attitude and personal attention. Our aim is to prepare you for a professional career. We challenge and guide our students to discover and develop their talents.

### Personal attention

The atmosphere in our classes is open and the relationships between students and teachers are informal. We encourage questions and discussions in class. Each student has a personal study coach throughout their course of studies, with whom they can discuss their study progress, concerns and career wishes.

### Practice based

The programmes we offer are very diverse and representing a mix of theory. We also work in a hybrid learning environment in which companies and students work, learn and develop together.



## WE STRONGLY BELIEVE THAT OUR EDUCATION AND RESEARCH MAKES A VALUABLE CONTRIBUTION TO A VITAL, SUSTAINABLE AND HAPPY SOCIETY



STUDENTS  
OF MORE THAN A  
**100** DIFFERENT  
NATIONALITIES.



Fontys

OUR COMMUNITY OF 44,000 STUDENTS  
OF WHOM 5,200 INTERNATIONAL.

**#WEAREFONTYS**



**4,700** STAFF  
MEMBERS OF WHOM  
**3,400** LECTURERS  
AND EDUCATIONAL  
COACHES.



OUR TEACHING  
STYLE IS  
**INTERACTIVE**  
AND STUDENT-  
CENTRED.



HIGH **PERSONAL**  
ATTENTION AND  
**GUIDANCE**  
DURING YOUR  
STUDY.



GREAT VARIETY  
IN **BACHELOR**  
AND **MASTER**  
PROGRAMMES.



BASED IN  
STUDENT CITIES  
**EINDHOVEN**,  
**TILBURG**  
AND **VENLO**.

## FONTYS CITIES



### **TILBURG** - The home of creativity, arts and business

Tilburg is a dynamic city that offers a raft of cultural events and is home to a progressive, creative community. With a population of just over 214,000, Tilburg is the sixth largest city in the Netherlands. Its down-to-earth local residents are well used to an influx of foreigners. Tilburg is currently experiencing explosive growth in numbers of international students and expats, all lured to the city by the many multinationals based there, including Coca Cola, Tesla, FUJIFILM, Sony, Ericsson and Schenker Logistics.

### **EINDHOVEN** - Brainport - Europe's leading region for innovation and top-flight technology

Eindhoven is at the heart of the European centre of science and technology known as the Brainport region. Eindhoven is a genuine student city that offers a wide array of student facilities. It is the fifth largest city in the Netherlands and is hallmarked by industrial development, through its ties with Philips, ASML, DAF and numerous other high-tech companies that have long acted as a magnet for knowledge workers and students from abroad.

### **VENLO** - Where Business, Logistics and Technology come together

The entrepreneurial spirit and engineering power of Venlo are widely recognised in the high tech, agro production, innovation, and retail sectors. The city, located close to the border with Germany, is renowned as a logistics hotspot. The presence of companies like Amway, Océ/Canon, Office Depot combined with world-leading local businesses such as Michael Kors, Herbalife, DHL and UPS.



## FACILITIES AT FONTYS

Every Fontys campus is equipped with state-of-the-art learning facilities including group and individual workstations, excellent IT support, research laboratories, libraries and restaurants.

### Student services

Our international student service will help you with your application procedures, finding accommodation and getting settled, so you feel at home as soon as possible. Every international student is also linked to a student coach. He or she will help you with (study) questions and offer useful tips and advice, wherever necessary.

### Fontys helps

You may sometimes need additional advice and assistance, over and above the guidance provided by your study programme. In such a situation, Fontys can offer all the extra help you need! For example, if you have questions about your personal circumstances, study delay or finances, our student counsellors, student psychologists or student career advisors are on call, to help you. For more information about our facilities, surf to: [fontys.edu/helps](https://fontys.edu/helps).



## STUDENT AMBASSADORS

Fontys student ambassadors are international students who are happy to share with you their experiences of living and studying at Fontys, and the Dutch way. They are also available to answer any questions you may have. Surf to [fontys.edu/studentambassadors](https://fontys.edu/studentambassadors) to find out more and get in touch with them.

## HOW TO APPLY

**Applications should always be submitted via the International Exchange (or Erasmus) Officer at the home university. This contact person will send your application request/nomination to Fontys.**

Once Fontys has received the nomination, the Fontys Study department of the course of your choice will send you a link to our webs application system - Mobility Online. Added to the link students will receive all necessary information and a manual.

Check [fontys.edu](https://fontys.edu) for further information.



### Deadlines to apply for an exchange programme/course

*Spring semester 2022 - apply before 15 November 2021*  
*Fall semester 2022 - apply before 15 May 2022*

### Academic dates study semesters

*Spring semester 2022: 7 February 2022 - 23 July 2022\**  
*Fall semester 2022: starts 29 August 2022*

\*For more information concerning the start date of a course students should always contact the contact person of the specific course.

# ERASMUS+ SCHOLARSHIP PROGRAMME

Fontys University of Applied Sciences participates in the Erasmus+ programme. We are awarded with the Erasmus Charter for Higher Education (ECHE) for participation in the activities of Erasmus+. Erasmus+ (2021-2027) is a European funding programme, providing grants for a wide range of activities in the fields of education, youth and sports. A scholarship application needs to be submitted by the Home Institution of the exchange student.

Once Fontys has accepted the application in Mobility Online you will be guided in the process of enrolment and the arrangement of practical issues such as accommodation, visa (depending on your nationality) and insurance.

Look at our [fontys.edu/Study-at-Fontys/Practical-information](https://fontys.edu/Study-at-Fontys/Practical-information) for more information.

## COSTS

### Living expenses (all-inclusive):

€ 600 - € 950 per month

### Accommodation rent:

€ 350 - € 630 per month

### Visa costs:

€ 192 first year

### All-in insurance (optional):

€ 440 - € 690 per year







## IMPORTANT INFORMATION

### English language requirements

For most English taught exchange programmes a minimum level of English language proficiency of CEFR\* B2 or an equivalent of IELTS 6.0 or TOEFL 80 is required. However there might be programmes where a higher level is required and submitting evidence might be necessary.

### Application is open to:

- Students studying at a Fontys wide partner university or;
- Students studying at a partner university of the Fontys School offering the programme.

Students at partners of any other Fontys School are eligible only when there are available places left, when they meet the admission requirements, and their home institution has been in contact with the international coordinator of the Fontys School offering the programme

Visit our website [fontys.edu](https://fontys.edu) – exchange programmes for more detailed information

\* CEFR Common European Framework of Reference



# EXCHANGE PROGRAMMES & COURSES





## SCHOOL OF

## HRM & PSYCHOLOGY



### PERFORMANCE COACHING AND TRAINING

A programme with an emphasis on the field of mental coaching. The aim of this programme is to apply performance psychology knowledge in daily practice. The minor 'Performance Coaching and Training' works from three perspectives: theory, skill and practice. Characteristic of this minor include that the learned skills are implemented and practiced with "real" customers, clients and teams. At the same time, the learned skills can also be applied directly to the students' own performance.

Area of study: Education, Sports, Art, Music, Business and HRM field.

 Eindhoven

 Starts: Fall and Spring semester

 30 EC's


! You have successfully acquired 60 EC's in BA Applied Sciences (or equivalent).  
Successfully completed programme I prior to enrolling in Programme II.

### YOUR FUTURE WORK

We are living in a time full of changes. We will have to deal with extensive challenges that impact our personal and professional lives and the planet as a whole. How can you learn to deal with this in a healthy way? The programme of Your Future Work stimulates the development of a personal and professional vision, attitude and set of behaviours to be able to relate to this emerging future and to deal with change.

Area of study: All

 Eindhoven

 Start in Fall and Spring semester

 30 EC's



# SCHOOL OF TEACHER TRAINING FOR SECONDARY EDUCATION TILBURG




## BILINGUAL EDUCATION/ENGLISH STREAM

The BEES programme has been designed for students who are interested in teaching their chosen subject (e.g. Biology, History or Mathematics) in English. It will help them to prepare to teach at schools for bilingual education.

Area of study: Education, Language

 Tilburg

 Starts: Fall and Spring semester

 max. 30 EC's

! Student who wish to go on an internship should be student teachers or students who are looking to specialise in education with a high level of English. For these student a skype session with the international officer is required. Proof of language proficiency may be required: minimum CEFR B2; FCE/CAE/CPE certificate; TOEFL score 543-626 PBT or iBT 87-109 or higher; IELTS score 5-6.5 or higher.


## TAILOR MADE PROGRAMME

The tailor made programme provides students with the opportunity to select courses from our Bilingual Education/English Stream programme and add to this English or Dutch taught courses and activities from our bachelor's programme.

Area of study: Education

 Tilburg

 Starts: Fall and Spring semester

 max. 30 EC's

! Student who wish to go on an internship should be student teachers or students who are looking to specialise in education with a high level of English. For these student a skype session with the internationale officer is required.



## GLOBAL DEVELOPMENT ISSUES

The unbalanced usage of both human and natural resources is one of the major problems in the world that has been caused, and must be solved, by people. In this Minor, we aim to challenge you to find sustainable solutions for these problems. In addition to globally sustainable development, this programme will focus on justice, social inequality and cross-cultural communication.

Area of study: Social Science

📍 Tilburg

📅 Starts: Fall and  
Spring semester

📄 30 EC's

👤 group size  
max. 25

! Students take part in an internship in a developing country for 4 weeks.  
Extra costs will be incurred.





# SCHOOL OF BUSINESS AND COMMUNICATION



## STRATEGIES FOR INNOVATIVE COMMUNICATION

In this minor programme you will develop skills to become a strategic communications professional. You will be the connector between the client, target group(s) and other stakeholders. By using new technologies, such as augmented reality and virtual reality, you'll convince clients of your innovative communications concepts.

Area of study: Business and Communication

📍 Eindhoven

📅 Spring semester

📖 30 EC's

! (Some) background in professional communication (e.g. marketing communication, business communication, public relations, journalism, international communication, communication management).

## INTERNATIONAL BUSINESS CONSULTANCY

The programme facilitates in training students from all over the world in becoming business consultants. This leads to a global mix of participants collaborating over a variety of assignments and courses. The program is, due to its wide range of law, business and economics courses, suitable for students from different disciplines who want to have a career in business. The mixture of students and highly involved lecturers, result into a small-scale community with mutual interest in business consulting. The combined focus on content and future-proof business skills, lets students really experience business and learn how to create chances for their future career

Area of study: Business & Economics

📍 Eindhoven

📅 Starts: Fall and Spring semester

📖 30 EC's

### ACCELERATION ACADEMY

An international business program of 6 intensive modules of 3 weeks. Students are working on one course for 3 weeks in a real business setting. Students develop their employability skills and self-leadership and learn more about the latest International Business trends and innovations. The Acceleration Academy offers modules abroad and gives students a 3-6-9 etc. experience on different locations in the world like Bordeaux, Odense, Lahti, Bangkok, Ottawa, San Francisco, Miami and Chicago.

Area of study: Business & Economics

Eindhoven Starts: Fall and Spring semester 30 EC's

### INTERNATIONAL MANAGEMENT

The aim of this programme is to empower you, in your role as a management consultant, to advise companies how to overcome these challenges and seize opportunities. The main emphasis is on subjects such as E-Marketing, Global Supply Chain Management, Financial Management and Management Accounting and Organisational Change and a Management Consulting project for a real company.

Area of study: Business & Economics

Eindhoven Starts: Spring semester 30 EC's

! The level of this programme is advanced. To participate in this programme, students must have completed two years of study in International Business. In addition, well-developed cooperation and communication skills will be essential.

### INTERNATIONAL BUSINESS

The business environment is becoming more and more international. Competition is getting tougher and is increasingly coming from companies all over the world, consumer influence is on the rise, the sharing economy is emerging, the role of brick-and-mortar is changing, production is outsourced to companies in other countries to reduce costs, while political and economic developments make national borders less relevant than ever. These are just some of the developments that create new challenges and opportunities for young professionals who are preparing for a successful career in international business. Are you ready to face these challenges and seize these opportunities?

Area of study: Business & Economics

Eindhoven Starts: Fall semester 30 EC's

! The level of this programme is intermediate. The programme is intended for students who have successfully completed their first year in a bachelor programme. Basic undergraduate course(s) in Marketing & Business Research and Accounting must have been part of their prior studies.

## SCHOOL FOR ALLIED

## HEALTH PROFESSIONS

### MINOR MADE (MEASUREMENT, ANALYSES, DESIGN AND EXPLORATION) FOR ALLIED HEALTHCARE

The minor MADE for Allied Healthcare has a focus on (re)development and implementation of technology for allied healthcare according to the Design Thinking method. Design Thinking is a methodology which helps you to solve problems in an innovative manner in collaboration with different stakeholders. The technologies which this minor has in place are aimed at movement registrations and musculoskeletal research. You can think of technologies such as sensors / wearables, (portable) musculoskeletal ultrasound for measuring muscle activity, EMG, virtual reality, and more. The minor is divided into 3 phases. In phase 1, the student lays the foundation for phases 2 and 3 on the basis of several small assignments each day. After that, several group projects follow in phase 2 and 3. Simultaneously you will built up an individual portfolio.

Area of study: Allied Health professions

📍 Eindhoven

📅 Starts: Fall and Spring Semester

📖 30 EC's

This programme has been designed for Bachelor students who have completed two and a half years (5 semesters) of their Bachelor program

## SCHOOL OF SPORT STUDIES



### SPORTS PERFORMANCE

You are going to acquire a large theoretical and practical background about functional, sport-specific physical training (strength & conditioning) and you will learn how to apply this knowledge in an authentic environment.

Area of study: Sports

📍 Eindhoven

📅 Starts: Fall semester

📖 30 EC's

! Basic knowledge in exercise psychology, anatomy, principles of training and motor learning is required.

### TEACHING PHYSICAL EDUCATION IN THE NETHERLANDS

During the 15 weeks of this programme you will attend classes and workshops to further develop your knowledge on Physical Education (PE) and curricula. Together with Dutch and international students you will be creating and developing a high quality sustainable PE curriculum.

Field of Interest or Area of Study: Physical Education, Language, Sport

📍 Eindhoven

📅 Start in October

📖 15 EC's

! Student who wish to participate to this programme should be student Physical Education teacher.





**SCHOOL OF**

**ECONOMICS TILBURG**



### CREATIVE ADVERTISING

This programme offers students many ways to build an impressive portfolio. Students will be working in project groups with Dutch students of the Communication BA. Together they will be working on campaigns for actual organisations, such as Madam Tussauds, Jupiler or Mars.

Area of study: Media & Communication



Tilburg



Starts: Fall semester



30 EC's

### GRAPHIC DESIGN

The programme offers you many ways to build an impressive portfolio. You will be working on design projects for actual organizations and you will shape stories and messages that are creative and thought provoking, but also well researched and well executed. The minor Graphic Design provides the necessary skill set needed in visual communication and the tools to contribute and work with marketing campaigns and creative professionals.

Area of study: Media & Communication



Tilburg



Starts: Spring semester



30 EC's

! For your application we would like to receive a motivation (in any form). In this motivation you need to answer a number of questions. Look online for more information. Due to the limited number of places a selection will be done after the application deadline.

## INTERNATIONAL MARKETING AND EXPORT

Companies can no longer limit their radius to their home market or even traditional markets. In-depth knowledge about globalisation and internationalisation strategies have become indispensable tools for successful managers. The minor "International Marketing & Export" at the Fontys School of Economics in Tilburg provides students with the necessary skills in the fields of international management & marketing and prepares students for careers in export management and international marketing.

Area of study: Sports, Business & Economics, Media & Communication

📍 Tilburg

📅 Starts: Fall

📖 30 EC's

! This programme has been designed for Bachelor degree students who are in their 2nd or 3rd year and have a basic knowledge of marketing. The student's major should be business related.





# ACADEMY FOR CREATIVE INDUSTRIES




## TRANSMEDIA DESIGN FOR CREATIVE INDUSTRIES

This minor focuses on the research and design of transmedia productions, both in the world of entertainment and branding in general. Transmedia design means creating interactive stories and story worlds that unfold across various channels and platforms, engaging the audience deeply and encouraging them to participate. In the entertainment industry the story is the product: designing transmedia here means expanding that story by enlarging the story world on multiple platforms. Transmedia marketing, however, involves the design of interactive content to fit the core values of a brand. It is focused on getting the right message to the right target group. A brand, then, can be a company but also a person or an NGO, using transmedia strategy as a tool to raise awareness on societal issues.

Area of study: Media & Communication

 Tilburg

 Starts: Fall and Spring semester

 30 EC's

! You will be asked to hand in a motivation piece for this minor. In this piece (the form is completely yours to choose, video, moodboard, text, a combination of all) you will indicate what your expectations are of this minor and why you think you should be in the programme. For non-EU students a Skype conversation will be part of the application process. During this interview we'll discuss your motivation and assess your English level simultaneously.



## TREND WATCHING

This minor is all about being open to change, indulging in your curiosity, and viewing the world through the eyes of a trend spotter. Detecting, analyzing and adopting trends lie at the core of our Minor Trend Watching. You learn, in a general sense, how to systematically trace trends, to analyze them and to interpret them. You learn how to express the consequences of these developments. Ultimately, you will apply your newly discovered insights to the real world.

Area of study: Arts & Humanities

Tilburg Starts: Fall and Spring semester 30 EC's

! For non-EU students a Skype conversation will be part of the application process. During this interview we'll discuss your motivation and assess your English level simultaneously.

## ADVANCED COURSES OF THE ACADEMY FOR CREATIVE INDUSTRIES

Students who choose Advanced Courses can choose their courses freely from a course catalogue. These English-taught courses are specialisation modules from all four of Fontys ACI Bachelor programmes: Marketing Management: Digital Business Concepts (BSc); Marketing Management: International Event, Music and Entertainment Studies (BSc); Communication: International Event, Music and Entertainment Studies (BA); Trend Research and Concept Creation in Lifestyle (BA).

Area of study: Business & Economics, Media & Communication, Arts & Humanities

Tilburg Starts: Fall and Spring semester 30 EC's

! For non-EU students a Skype conversation will be part of the application process. During this interview we'll discuss your motivation and assess your English level simultaneously.

## DANCE INDUSTRY

Students learn how to represent a dance music company and how to work within a corporate identity and the culture of the industry in general. Based on comprehensive research, students learn to develop innovative, successful dance music products or artists, and to bring them into the market. There is a challenging cooperation with key players in the dance industry.

Area of study: Media & Communication, Business & Economics

Tilburg Starts: Fall and Spring semester 30 EC's

! Students with an education in commercial economy, communications, leisure, media and entertainment are accepted directly. Candidates from non-related studies have to prove their capability through a résumé and a motivation letter. Of course, affinity with electronic music and its culture and industry is needed, because the programme is fully focused on it. For non-EU students a Skype conversation will be part of the application process. During this interview we'll discuss your motivation and assess your English level simultaneously.



# INTERNATIONAL BUSINESS SCHOOL



## INTERNATIONAL BUSINESS MANAGEMENT

Society is changing at breakneck speed. Small as well as large enterprises in any sector of business are confronted with many challenges. Globalization brings many opportunities for all kinds of companies. Investment in innovation is and remains a fixed item on the agendas of many companies. Concepts such as internet of things and big data are hot topics in business nowadays.

Area of study: Business, Economics and Marketing

 Venlo



Starts: Fall and Spring semester



30 EC's

! Foundation year should be completed.

## DOING BUSINESS IN AND WITH EUROPE

The European Union is a significant business region in the global economy and attractive for all types of internationally active companies. In this programme we focus on different aspects of how the EU shapes an environment for business and society. We cover topics from EU identity, trade, law and supply chain through to tax and marketing in lecture, seminar and projects. All activities are in English and the classroom is international.

Area of study: Business and Economics

 Venlo



Starts: Fall and Spring semester



30 EC's

! Students need some background and interest in economic related subjects and of course a desire to deepen their knowledge about Europe as a business environment. We encourage an inquisitive and open mind-set and an active approach to learning in a multicultural setting.

## INTERNATIONAL BUSINESS

In times of increasing global competition many companies operate globally or consider doing business internationally. But how do you decide on which markets to operate? How do you finance such undertakings? How do you hire the right internationally qualified employees? How do you make your product or service stand out from the crowd? These are some of the issues that managers at international companies face and for which you will be prepared during the programme. You can choose to do one of the semesters of this Bachelor programme.

Area of study: Language, Business and Economics



Venlo



Starts: Fall and Spring semester



30 EC's

! First year programme: Basic knowledge, the student's major should be business related. Second year programme: The student's major should be business related and the foundation year should be completed.

## INTERNATIONAL FRESH BUSINESS MANAGEMENT

So let's think of the meal that you like to eat most. Have you ever thought about how this meal got on your plate? To find fresh products in today's supermarkets is regarded as absolutely normal. But how do they find their way to your shopping basket? How are these products produced, packed, traded, transported and sold? Who 'develops' new food concepts? And, very important, how is it guaranteed that everything is in good condition, healthy and 'value for money'? You'll focus on answering these questions and many more. You can choose to do one of the semesters out of this Bachelor programme.

Area of study: Business and Economics



Venlo



Starts: Fall and Spring semester



30 EC's

! First year programme: Basic knowledge, the student's major should be business related. Second year programme: The student's major should be business related and the foundation year should be completed.

## INTERNATIONAL FINANCE & CONTROL

You will learn how to deal with all kinds of money-related questions within companies. How can we raise our profits? How can we finance the new machinery we intent to buy? How do I keep track of all the money flows which enter and exit the company both on national and international level? Do the different departments in the company work according to their budgets? Companies are constantly looking for professionals who can help them answer questions like these. You will learn how to answer these questions. You can choose to do one of the semesters of this Bachelor programme.

Area of study: Business and Economics



Venlo



Starts: Fall and Spring semester



30 EC's

! First year programme: Basic knowledge, the student's major should be business related. Second year programme: The student's major should be business related and the foundation year should be completed. Fourth year programme: Advanced level. All the above is needed.

## MARKETING MANAGEMENT

Designing an exciting marketing campaign for the new iPhone, organising a press conference for Greenpeace or conducting market research on which emotions are associated with eating ice cream. All these are examples of something a marketing professional does. As a marketer you know exactly what triggers consumers. You know why we pay more for Coca-Cola, while a different brand might be more tasty in a blind test and maybe you will make sure that people will sleep in a tent for the release of the new Playstation. You can choose to do one of the semesters of this Bachelor programme.

Area of study: Business and Economics



Venlo



Starts: Fall and Spring semester



30 EC's


! First year: Basic knowledge, the student's major should be business related. Second year the student's major should be business related and the foundation year should be completed.

## ENGLISH LANGUAGE AND EUROPEAN CULTURE

A choice of courses in which to develop your confidence and skills in your use of the English language alongside subject specific courses related to our Business school and the cultural journey you are undertaking as an exchange student.

Area of study: All

 Venlo

 Starts: Fall and Spring semester

 30 EC's





# SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY



## INTRODUCTION TO ICT

This programme is semester 1 of our regular ICT bachelor studies. See the website for information about the programme and different modules.

Area of study: ICT

 Eindhoven

 Starts: Fall and Spring semester

 30 EC's

! This course is an introduction to ICT, no pre-knowledge is required.

## ICT & BUSINESS - INTERMEDIATE

This programme is semester 3 of our regular ICT & Business bachelor studies. See the website for information about the programme and different modules.

Area of study: Engineering & IT

 Eindhoven

 Starts: Fall and Spring semester

 30 EC's

! Pre-knowledge is required about Object-Oriented programming ((preferably in C# and/or Java) and databases (design and sql).

## ICT & SOFTWARE ENGINEERING – INTERMEDIATE

This programme is semester 3 of our regular ICT & Software Engineering bachelor studies. See the website for information about the programme and different modules.

Area of study: Engineering & IT

 Eindhoven

 Starts: Fall and Spring semester

 30 EC's

! Pre-knowledge is required about Object-Oriented programming ((preferably in C# and/or Java) and databases (design and sql) and webdevelopment





### ICT & SOFTWARE ENGINEERING – ADVANCED

This programme is semester 7 of our regular ICT & Software Engineering bachelor studies. See the website for information about the programme and different modules.

Area of study: Engineering & IT

Eindhoven

Starts: Fall and Spring semester

Modules of 30 EC's

! Pre-knowledge is required about Object-Oriented programming ((preferably in C# and/or Java) and databases (design and sql), webprogramming and working in real-life Software Engineering projects.

### DATA DRIVEN BUSINESS LAB

In the minor "Data Driven Business Lab" we have laid out a landscape in which you can define individual goals, competencies and personal skills, working in a team of international diversity. Focus on your own qualities and strive for excellence and adventure!: that is what we are going to discover together.

Area of study: Engineering & IT

Eindhoven

Starts: Fall and Spring semester

30 EC's

! This minor programme will only be graded by either a "Pass" or "Fail". There are no grades per course.

### ICT & TECHNOLOGY - INTERMEDIATE

This programme is semester 3 of our regular ICT & Technology bachelor studies. See the website for information about the programme and different modules.

Area of study: Engineering & IT

Eindhoven

Starts: Fall and Spring semester

30 EC's

! Pre-knowledge is required about Object-Oriented programming (preferably in C# and/or Java). Networking (TCP/IP) simple embedded controllers (like and Arduino with buttons/leds/servo's) and being familiar with Linux.

### ICT & INFRASTRUCTURE - INTERMEDIATE

This programme is semester 3 of our ICT & Infrastructure bachelor programme.

Area of study: Engineering & IT

Eindhoven

Starts: Fall and Spring semester

30 EC's

! All modules are at an intermediate level, so there is prior knowledge required. Basic knowledge about business processes is required.

### ICT & MEDIA DESIGN - INTERMEDIATE

This programme is semester 3 of our ICT & Business bachelor programme.

Area of study: Engineering & IT

Eindhoven

Starts: Fall and Spring semester

30 EC's

! All modules are at an intermediate level, so there is prior knowledge required. Basic knowledge about business processes is required.



### DIGITAL EXPERIENCE DESIGN

We will research, consume and create digital media with the goal to add a meaningful contribution to the digital society. To do so, we explore different aspects of a design challenge and offer weekly lessons and workshops on relevant topics, which cover Human Centered Design, Intercultural Communication, Critical Design, Storytelling and Media Theory. Also, students can propose lessons about other topics and, practicalities permitting, these lessons will be implemented during the semester.

Area of study: Engineering & IT



 Eindhoven  Starts: Fall semester  30 EC's

! This minor programme will only be graded by either a "Pass" or "Fail".  
There are no grades per course.

### VIRTUAL REALITY

The hardware and software for digital interaction and 3D graphics are affordable for normal consumers, thanks to developments in the gaming industry. These technologies can now be used on almost every computer system for a reasonable price, and new devices become available each year. VR can be applied for training, research and i.e. medical applications but also commercially. In this programme you will follow courses and participate in group projects with other students.

Area of study: Engineering & IT




 Eindhoven  Starts: Fall semester  30 EC's

! This minor programme will only be graded by either a "Pass" or "Fail".  
There are no grades per course.

### ADVANCED COMPUTER SCIENCE

This programme is a specialization of our regular ICT & Software Engineering bachelor studies, dedicated for students who are interested in a Master programme after the Bachelor programme.

Area of study: Engineering & IT

 Eindhoven  Starts: Fall and Spring semester  30 EC's

! Pre-knowledge is required about Object-Oriented programming (preferably in C# and/or Java).

## SCHOOL OF

## FINE AND PERFORMING ARTS



As an exchange student you will join a multidisciplinary art school with a creative and international learning environment. For each art exchange programme, different application procedures apply.

### ART, COMMUNICATION AND DESIGN

As the theoretical courses are in Dutch, most exchange students will spend their time on practical art studies. Students are welcome from the first semester of the third year. The Academy promotes the development of artistic vision and the transfer to assessments, the development of concept thinking independent form media, rather than the development of skills.

Area of study: Arts

Tilburg

Starts: Fall semester

30 EC's

! Your Portfolio will be assessed before you are invited to apply for the ArtCoDe programme (BA level)

### FINE ARTS & EDUCATION

The Department of Visual Arts has two different possibilities to study, "Fine Arts & Education" and "Art Communication and Design". In some cases it is possible to combine courses of the two departments.

Area of study: Arts

Tilburg

Starts: Fall semester

20 EC's for a period of 10 weeks or 30 EC's for a semester.

! Accessible for third year (Level 2) students and/or fourth year (graduating) students, hailing from academies and/or faculties abroad that focus on fine arts. Predominantly, teaching will be conducted in Dutch, but you will be able to communicate in English. High level of independence and self-discipline required

## DANCE

For more information please have a look at [fontys.edu](http://fontys.edu)

Area of study: Arts

Tilburg Starts: Fall and Spring semester 30 EC's

! Your portfolio will be assessed before you are invited to apply for the Dance Academy (BA level). We specifically appreciate students who challenge our ideas of what a dance artist is. We want hard-working, bright-thinking dancers from different backgrounds with an urgent interest in creative, playful, conceptual and resonant dance making.

## ROCKACADEMIE

Rockacademie offers a bachelor of music for the traditional pop music instruments - drums, bass, electric guitar, vocals and songwriting - as well as a program for Electronic Music Production (EMP). Besides instrumental skills there is a variety of relevant subjects like music business, sound engineering and music education to prepare students for a broad career in the (inter)national field of popmusic.

Area of Study: Arts, music

Tilburg Starts: Fall semester 30 EC's

! We accept students from similar institutions worldwide.

## ACADEMY OF MUSIC AND PERFORMING ARTS

The Academy of Music and Performing Arts (AMPA) is an ambitious, innovative conservatory programme that emphasizes high quality performance, chamber music, and creativity. The Academy brings students to a high level of excellence, while connecting music with other art forms such as dance, theatre and fine arts. The core programme components are artistic excellence, an international environment, intensive work with ensembles in residence, and interdisciplinary opportunities.

Area of study: Arts

Tilburg Starts: Fall and Spring semester 30 EC's

! Your portfolio will be assessed before you are invited to apply for the program in Classical of Jazz Music (BA level)

## MASTER OF MUSIC

Exchange at the Master of Music is possible. The Master of Music is an advanced degree programme for highly gifted musicians who seek a career as a professional performer on the international concert stage. The programme brings students to a high level of excellence, while connecting music with other art forms such as dance, theatre and fine arts. The core programme components are artistic excellence, an international environment, intensive work with ensembles in residence, and interdisciplinary opportunities. Students will be trained to become leaders in their field and play important roles in the development of new visions on the music profession.

Area of Study: Arts

Tilburg Starts: Fall and Spring semester 15 - 30 EC's

! Your portfolio will be assessed before you are invited to apply for the programme in Music (MA level).





**SCHOOL OF**

**ENGINEERING**



### EMBRACE TECHNOLOGY, ENTREPRENEURSHIP AND CREATIVITY

Have a breakthrough idea for the future? Want to create positive social-impact in society or do you want to explore if entrepreneurship is something for you? Embrace TEC is a dynamic international minor that blends cultures, disciplines and experiences. During the program, you will connect with students of all possible study-fields (tech & non-tech) from all over the world and have a unique opportunity to learn by working together in multidisciplinary teams. You'll solve real-world design challenges, meet inspiring industry experts and will be guided by coaches to launch the next step of your professional career. The ultimate goal is your personal growth and your impact as a world citizen. Curious to know more? Jump to [fontyspulsed.com](https://fontyspulsed.com)

Area of study: All

📍 Eindhoven

📅 Starts: Fall and Spring semester

📖 30 EC's

### BE CREATIVE MINOR

A minor specifically targeted at engineering students or students with a strong desire and capabilities to work in the field of engineering. It focusses on the creative and entrepreneurial engineer. Within this minor you, as a student, will work on a big project for almost half a year where you are encouraged to create your own learning path, discover your talents and share your knowledge with your fellow students. The ultimate goal to achieve is that you, as part of a group of students, create a new product or concept, in a vast array of subjects

Area of study: Engineering & IT

📍 Eindhoven

📅 Starts: Spring semester

📖 30 EC's

! You need to have a background of 4 semesters study in Electronic Engineering, Mechanical Engineering, Mechatronics or an equivalent engineering

### MECHANICAL ENGINEERING GENERAL

A program with courses for the starting engineer with at least 2 years of experience in a similar study program such as mechanical engineering and who focusses on designing, making and placing equipment, installations and machinery. Attention will be paid to main areas of mechanical engineering, like mechanical design, dynamics, energy & heat transfer and materials. Theory, practice and project work (i.e. project with assignments from industry) are alternated.

Area of study: Engineering

Eindhoven

Starts: Spring semester

30 EC's

! This programme has been designed for Bachelor students who have completed at least two years of studies in Mechanical Engineering including subjects like construction and mechanics, energy & process, materials & manufacturing, measurement, control and modeling and thermodynamics. Note that we also expect some practical technical skills such as dealing with machines and milling, welding and turning and experience with drawing programs, working with 3D equipment, modeling and simulation.

### ELECTRICAL AND ELECTRONIC ENGINEERING (S3)

The Electrical and Electronic Engineering S3 program is a program with courses for the starting engineer with 2 years of experience in a similar study program such electrical and/or electronic engineering and who wants to develop knowledge and skills to design and build an electronic engineering product. Attention will be paid to main areas of electronic engineering, like analogue electronics, electromagnetics, control systems and embedded systems. Theory, practice and project work (i.e. two projects with assignments from industry) are alternated.

Area of study: Engineering

Eindhoven

Starts: Fall semester

30 EC's

! You need to have a background of 4 semesters study in Electrical and/or Electronic Engineering **or equivalent** to be succesful in this programme.

### MECHANICAL ENGINEERING (S3)

In this programme the emphasis lies on the full product development process. Besides the mechanical engineering components like materials engineering, attention will be paid to areas as project management and business economics. Theory, practice and project work (i.e. one large project with an assignment from industry) are alternated.

Area of study: Engineering

Eindhoven

Starts: Fall semester

30 EC's

! This programme has been designed for Bachelor students who have completed at least two years of studies in Mechanical Engineering.

### ELECTRICAL AND ELECTRONIC ENGINEERING (S4)

This programme is developed for electrical/electronic engineering students who want to know more about developing knowledge and skills to design, build and sell an electronic engineering product. Attention will be paid to main areas of electronic engineering, like analogue electronics, digital design, signal processing and embedded connectivity. Theory, practice and project work (projects with assignments from industry) are alternated.

Area of study: Engineering

Eindhoven

Starts: Spring semester

30 EC's

! You need to have a background of 4 semesters study in Electrical and/or Electronic Engineering **or equivalent** to be succesful in this programme.

### ENGINEERING MINOR S6

The Engineering minor is a programme we offer to engineering students to widen their scope with several courses in the field of engineering, where the emphasis lies on developing knowledge and skills to design, build and sell an engineering product. The exchange student has a choice in this program between several courses in the fields of electrical engineering and mechatronics. Theory, practice and project work are alternated. Besides the practical aspects as part of the courses, the exchange program is complemented with a mandatory project of 10 ECTS, where multidisciplinary collaboration, communication and hands on experience on real-life problems are essential.

Area of study: Engineering

Eindhoven	Starts: Spring semester	30 EC's
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! This programme has been designed for Bachelor students who have completed at least three years (6 semesters) of Electrical Engineering, Mechatronics or an equivalent.

### MECHATRONICS ENGINEERING S7 - ADVANCED MOTION CONTROL

The Adaptive Motion Control program is a 7th semester programme in the regular bachelor programme of Mechatronics. It emphasizes the combination of mechanics, software and electronics. Except for the subjects mentioned the students will also do a Mechatronics related project.

Area of study: Engineering

Eindhoven	Starts: Fall semester	30 EC's
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! This programme has been designed for Bachelor students who have completed at least three years (6 semesters) of Mechatronics Engineering or an equivalent.

### ELECTRICAL AND ELECTRONIC ENGINEERING S7- ELECTRONIC SYSTEMS

The Electronic Systems Programme is a 7th semester programme in the regular bachelor programme of Electrical and Electronic Engineering. Hence, it is an advanced program designed to address the entire design challenge of electronic systems. The two mandatory courses for the electronic systems S7 program, together with the two generic courses, will give the students a solid hardware-focused design platform.

Area of study: Engineering

Eindhoven	Starts: Fall semester	30 EC's
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! This programme has been designed for Bachelor students who have completed at least three years (6 semesters) of Electrical and/or Electronic Engineering, Mechatronics or an equivalent.

### MECHATRONICS ENGINEERING S7 - ADAPTIVE AUTOMATION SYSTEMS

The Adaptive Automation Systems program is a 7th semester programme in the regular bachelor programme of Mechatronics. It emphasizes the combination of mechanics, software and electronics. Except for the subjects mentioned the students will also do a Mechatronics related project.

Area of study: Engineering

Eindhoven	Starts: Fall semester	30 EC's
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! This programme has been designed for Bachelor students who have completed at least three years (6 semesters) of Mechatronics Engineering or an equivalent.

### MECHANICAL ENGINEERING S7 – PRECISION ENGINEERING

An advanced program designed to address the entire design challenge of precision engineering. The four mandatory courses for the Precision Engineering differentiation together with the two generic courses will give the students a solid background in this field. The course work is deepened by a design project, where the knowledge and skills are put to use in the design of a prototype mechanical system that addresses a real life challenge.

Area of study: Engineering

📍 Eindhoven

📅 Starts: Fall semester

📖 30 EC's

! This programme has been designed for Bachelor students who have completed at least three years of studies in Mechanical Engineering.

### ELECTRICAL AND ELECTRONIC ENGINEERING S7- EMBEDDED SYSTEMS

The Embedded Systems Programme is a 7th semester programme in the regular bachelor programme of Electrical and Electronic Engineering. Hence, it is an advanced program designed to address the entire design challenge of embedded systems. The two mandatory courses for the Embedded Systems differentiation together with the two generic courses will give the students a solid software-focused design platform.

Area of study: Engineering

📍 Eindhoven

📅 Starts: Fall semester

📖 30 EC's

! This programme has been designed for Bachelor students who have completed at least three years (6 semesters) of Electrical Engineering, Mechatronics or an equivalent.







## SCHOOL OF

## TECHNOLOGY AND LOGISTICS



### BUSINESS INFORMATICS

This exchange programme offers a specialisation programme in Software Engineering. It's actually the fourth semester (second year) of an Informatics bachelor programme which allows to specialize in business informatics, tackling the following topics: Business processes and business process modelling, business intelligence, data warehouses, and accounting or development processes / agile development. The project of that semester is about developing an app (for iOS or Android or hybrid platform) smartphones with a Cloud architecture.

Area of study: IT



Venlo



Starts: Spring semester



30 EC's

! Requirements: Intermediate level of IT knowledge is required. The level of this programme is advanced.

### A-SYSTEMS; HIGH TECH AGRICULTURAL SYSTEMS

Want to discover how the working of the brain can help us in agro robotics? How robots learn behaviours instead of just being programmed? The minor A-systems offers a choice of courses in which to develop knowledge and skills on the crossover of biology and technology: A relatively new area of hybrid engineering, optimally suited for the innovative breakthroughs in bio-technical solutions, needed by the agricultural sector.

Area of study: IT & Engineering



Venlo



Starts: Fall and Spring semester



30 EC's

! Requirements: This program is suitable for technical, biological and business majors. Computer programming skills are advised but not mandatory.

## DESIGN FOR ENGINEERS

The development of more complex products is a multidisciplinary activity in which all aspects of the entire lifecycle of the product need to be considered. Multidisciplinary teams consisting of people with different backgrounds and nationalities each with their own specialization and priorities work together to create a successful product. The programme contains one compulsory module (the project) and 'self select modules', offered to enable students to specialize in Engineering or in Industrial Design.

Area of study: Engineering

Venlo	Starts: Spring semester	30 EC's
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! Foundation year should be rounded off and preferably affinity with engineering.

## WAREHOUSE MANAGEMENT AND OPTIMIZATION

This programme is a full semester course from the general Bachelor curriculum. Starting with a 4-week general to logistics which focuses on the role of logistics in its whole. The logistics playing field is explained together with a number of basic concepts including goods flow, information flow and money flow (known as business economics). Finally, attention is paid to management & organisation aspects within the logistics playing field. After the introduction it will be focussed on all topics of Warehousing and Materials Handling. Working on a central project in groups students gain strategic, tactical and operational knowledge in the field of Warehousing and Materials Handling.

Area of study: Business & Economics

Venlo	Starts: Fall semester	30 EC's
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! Foundation year should be successfully rounded off.

## DISTRIBUTION NETWORK DESIGN AND TRANSPORT OPTIMIZATION

After having finished this semester you are expert on designing and implementing distribution networks. Furthermore, you will be able to deal with issues within transportation processes. Therefore, intensive coaching on the project is done. Not only does the development of knowledge play a huge role but also the development of your personal soft skills.

Area of study: Business & Economics

Venlo	Starts: Spring semester	30 EC's
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! Foundation year should have been successfully completed.

## PRODUCTION PLANNING AND IMPROVEMENT

This programme is a full semester course from the Bachelor curriculum Logistics Management/Logistics Engineering. This semester deals with the topic of production logistics. What is a production system and which strategic decision have to be taken when it comes to production planning. The focus is production control and planning strategies. Students will execute a group project within the company environment during this semester. The students gains insight in the challenges of production planning also with regard to different types of machines and processing. Last but not least it will be dealt with production costs.

Area of study: Engineering & IT

Venlo	Starts: Fall semester	30 EC's
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! The student's major must be logistics/supply chain related, intermediate level of logistics knowledge is required. Prior knowledge in statistics and mathematics is essential.

### E-PRENEURSHIP, E-COMMERCE & E-FULFILMENT

In the introduction phase of the programme students deal with the heavy growth in e-commerce and the ICT maturity required, most new supply chain developments originate in the e-commerce sector. Robotics, 3D printing, same-day delivery, drones and pick-up points are just a few. Today's students need to be aware of these developments and of the detailed processes in e-commerce and e-fulfilment to be able to prepare themselves for the labour market of the future. The programme provides the knowledge needed to develop distinctive strategies for online sales, and stimulates the entrepreneurial spirit needed for successful business. ). In the advanced phase of the programme students will comprise a project where they either write a business plan or do a project for a company within the field of e-commerce.

Area of study: Business & Economics

Venlo Starts: Fall and Spring semester 30 EC's

! No specific admission requirements.

### CUSTOMS MANAGEMENT IN INTERNATIONAL BUSINESS

This programme has the same structure as the master Customs and Supply Chain Compliance, offered by the Erasmus University in Rotterdam and has been developed in cooperation with the Erasmus University. At the end of this programme students get an official certificate and have broader knowledge about risks related to: Global trade; Intercontinental customs compliance; European customs law; IT-systems and protection. Beside theory, students will also execute a project within a company.

Area of study: Business & Economics

Venlo Starts: Fall semester 30 EC's

! The student's major should be business/supply chain related.

### INTRODUCTION INFORMATICS – 1ST YEAR, 1ST SEMESTER

This programme will give you an introduction in the Informatics domain. It's actually the first semester of an Informatics bachelor programme. Students will gain wide knowledge and competences in the Information Technology domain, providing a perfect starting point for further steps in the world of software analysis and development. Aspects of both software engineering and business informatics are covered.

Area of study: Engineering & IT

Venlo Starts: Fall semester 30 EC's

! Basic knowledge, interest in IT.

### INTRODUCTION INFORMATICS - 1ST YEAR, 2ND SEMESTER

This exchange programme will give you a thorough introduction in Software Engineering. Actually it's the second semester of an Informatics bachelor programme. All aspects of the software development lifecycle are discussed. A project in which a web application is developed from scratch is the central module in this semester. The project is supported by modules (theory as well as practical work) regarding Object Oriented programming, UML modelling, software testing and project management. The programme is intended for students who have basic experience with object oriented programming and relational database systems already.

Area of study: Engineering & IT

Venlo Starts: Spring semester 30 EC's

! prior knowledge in IT is required.



## SOFTWARE ENGINEERING FOUNDATIONS

This exchange programme will give you insight in some more advanced Software Engineering concepts. It's actually the third semester of an Informatics bachelor programme. Several software engineering topics will be discussed in more detail, like modelling with design patterns, software architectures, algorithms and data structures, information security issues, data science. Furthermore, the package knows a project in which a reactive system is developed.

Area of study: Engineering & IT



Venlo



Starts: Fall semester



30 EC's

! Major should be IT related; Foundation year should be successfully rounded off.

## SMART INNOVATION

Students will look into innovation and research from a technical as well as a conceptual and design perspective. Students from different disciplines together will focus on information gathering/processing and product design, and learn how data can be gathered by different means, be communicated, interpreted, combined, processed and transformed into information understandable for others. Activities are based on carrying out research in innovative areas leading to a prototype showing applicability. Usability improvement is done by analyzing user behaviour on prototyping events.

Area of study: Engineering & IT



Venlo



Starts: Spring semester



30 EC's

! Foundation year should be successfully rounded off.

## ADVANCED SOFTWARE CONCEPTS

This exchange programme offers a specialisation programme in Software Engineering. It's actually the fourth semester of an Informatics bachelor programme which allows to specialize in advanced software concepts as: operating systems and concurrency, advanced database concepts, different programming paradigms and an introduction to programming for the internet of things. The project of that semester is about developing an app (for iOS or Android or hybrid platform) smartphones with a Cloud architecture.

Area of study: Engineering & IT



Venlo



Starts: Spring semester



30 EC's

! intermediate level of IT knowledge is required. The level of this programme is advanced.

A photograph of three students sitting at a wooden picnic table outdoors. A young woman in a white dress is in the foreground, looking towards the camera. Behind her, another student is visible. To the left, a male student is writing in a notebook. A white handbag sits on the wooden deck in front of the woman. The background shows a brick building with large windows.

**FONTYS**


**SUMMER SCHOOL**



#### MINOR PROGRAMME SUMMER SCHOOL

The course is all about experiencing. Experiencing the interactive learning programme, the different cultures, the dutch education system, Eindhoven and experiencing new things. You will learn more about behaviour and health and you will improve your coaching skills, including how to empower people in directing their own health and in reaching their dream goals. You will gain insight in your own quality of life and in increasing your level of happiness. At the end of the programme you will feel confident, empowered and ready to take more steps towards achieving your dream goal, while you make friends from all over the world. Your personal and professional development will be boosted.

 Eindhoven

 Summer see the website for specific dates

 3 EC's

! (Upcoming) Fontys students: € 225. Students from Fontys partner universities: € 725. Other students: € 775. A social and cultural programme is part of the Summer School.



**Fontys University  
of Applied Sciences**  
fontys.edu

**Customer Contact Centre:**  
+31 (0) 8850 80000

**WhatsApp:**  
+31 610176464



**> FOR SOCIETY**