



FONTYS UNIVERSITY OF APPLIED SCIENCES

2021/2022



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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 Europe. 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 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 topflight technology; **Tilburg** is known as the home of creativity, arts and business; and **Venlo**, where business, logistics and technology come together.



**WE OFFER BACHELOR, MASTER
AND EXCHANGE PROGRAMMES
IN A VARIETY OF FIELDS, INCLUDING
ICT & ENGINEERING, BUSINESS, THE
ARTS, LOGISTICS, COMMUNICATION
AND HEALTH.**

ABOUT FONTYS

At Fontys you are our focus, from helping you to choose the right study programme through to 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, representing a mix of theory, the application of knowledge, internships and graduation assignments. We also work in a hybrid learning environment in which companies and students work, learn and develop together.

Intercultural experience

As a student, you have a number of opportunities to broaden your intercultural horizon. You can participate in internationalisation at home, enjoy short-term international activities, or you can take the opportunity to specialise in the form of a minor programme, at Fontys or at one of the more than 100 partner universities all over the world.

DUTCH HIGHER EDUCATION SYSTEM

Universities of applied sciences, like Fontys, offer educational programmes in which students apply their acquired knowledge to create instant impact on society.

By comparison, research universities offer educational programmes based on fundamental research to generate new knowledge for the future. Both educational systems result in a bachelor's and/or a master's degree.

Following graduation at Bachelor level from Fontys, you have a free choice to move on to education at master level, either at Fontys or at a research university.



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



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



OUR COMMUNITY OF 44.000 STUDENTS OF WHOM 5.200 INTERNATIONAL.


#WIJZIJNFONTYS



4.700 STAFF MEMBERS OF WHOM **3.400** LECTURES 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**.

WHY STUDY AT FONTYS IN THE NETHERLANDS?

We can name plenty of good reasons!

1. Fontys offers a wide range of programmes taught in English.
2. 95% of the Dutch speak English, ensuring easy communication in day-to-day life.
3. Our teaching style is interactive and student-centred.
4. The tuition fees and cost of living are considerably lower than in many English-speaking countries.
5. Fontys helps you find suitable accommodation.
6. Dutch society is internationally oriented, diverse, inclusive and strongly connected to other cultures, the business community and the world.
7. The Dutch are open-minded and straightforward; this makes for easy interaction and encourages the exchange of ideas.
8. The Netherlands is a great place to live. According to the Global Peace Index, it is one of the safest countries in the world, and features in the top 10 happiest countries.
9. Easy access to the whole of Europe! Within just a few hours you can be in Paris, London or Berlin.
10. Fontys maintains close ties with business and industry, offering you excellent career opportunities.



TYPICALLY DUTCH

Studying in a foreign country is very exciting and can be the experience of a lifetime, but it will also expose you to cultural differences. It is good to find out about our habits and customs in advance.

The Dutch are renowned for their open-mindedness and down-to-earth approach, but also for their 'gezelligheid'. A difficult work to translate – and pronounce – it is all about the pleasure of being together. Our students love to hang out and to work together, to party and to attend festivals.

At the same time, the Dutch are well known for their directness. We can be very outspoken and straightforward. These character traits are based on the belief that everybody has the right to express their own opinion. Open discussion and acceptance of other views and attitudes are the perfect ways to learn from one another, and to make life better. In the Netherlands, it is not considered rude to tell people how you feel about a particular issue. In other words, make sure you participate actively in the classroom and never be afraid to give and receive critical feedback.

Another typical Dutch characteristic is punctuality. When we make an appointment, we are open about the schedule, and being on time is very important to us.

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

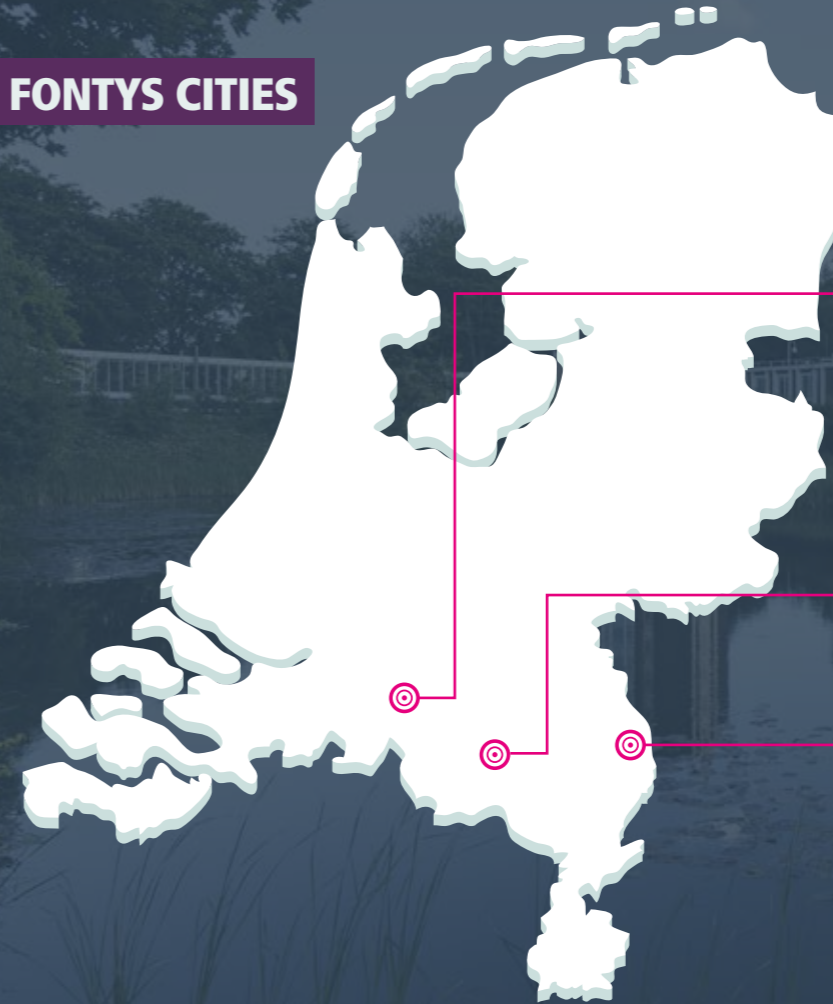
You may sometimes need additional advice and assistance, over and above the guidance provided by your study programme. In such a situation, Fontys can offer all the extra help you need! For example, if you have questions about your personal circumstances, study delay or finances, our student counsellors,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



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 to find out more and get in touch with them.

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 topflight 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 manufacturing, logistics and retail sectors. The city, located close to the border with Germany, is renowned as a logistic hotspot. The presence of companies like Amway, Océ/Canon, Office Depot combined with world-leading local businesses such as automotive supplier Inalfa Roof Systems make Venlo a heart of a knowledge-intensive and attractive region in which to study and start a career.





DAE DOLORATEM FUGIAS EXCEAQUI

CONSE PED QUI DOLES ESCIM

EXERROVIT VELIQUAS ET FUGITAS

ALIQUEAE **VOLOREN TORECEA**



FINE AND

PERFORMING ARTS

- Dance Bachelor (BA)
- Circus and Performance Art Bachelor (BA)
- Music and Performing Arts Bachelor (BA)
- Master of Architecture (MSc)
- Master of Choreography (MA)
- Master of Music (MA)
- Master of Performing Public Space (MA)
- Master of Urbanism (MSc)





TILBURG CAMPUS ZWIJSENPLEIN
BACHELOR OF ARTS

fontys.edu/danceacademy

DANCE BACHELOR (BA)

This study programme offers young dance artists and performance makers the education they need to develop their personal signature and create their own performance work. The three flagship profiles, Dance Arts in Context, Contemporary Urban and Choreography, allow students to explore contemporary dance practices and techniques, with a view to collaborating with different art forms.

Our business partners include Dans Brabant, Tilburg Dans Stad, De New Vorst, Theaters Tilburg, Dynamo and Inclusive Dance. We also collaborate with the festivals Deltebre Dansa, Summer Dance forever and Moving Futures. We educate our students to create, think and produce in collaboration with other artists. At the end of their study programme they are qualified as dance makers and dance leaders with their own voice, who take control of their own careers and who are capable of moving on to take up meaningful positions throughout the field of the performing arts and society in general. We provide a solid network of national and international partners. international partners.

CIRCUS AND PERFORMANCE

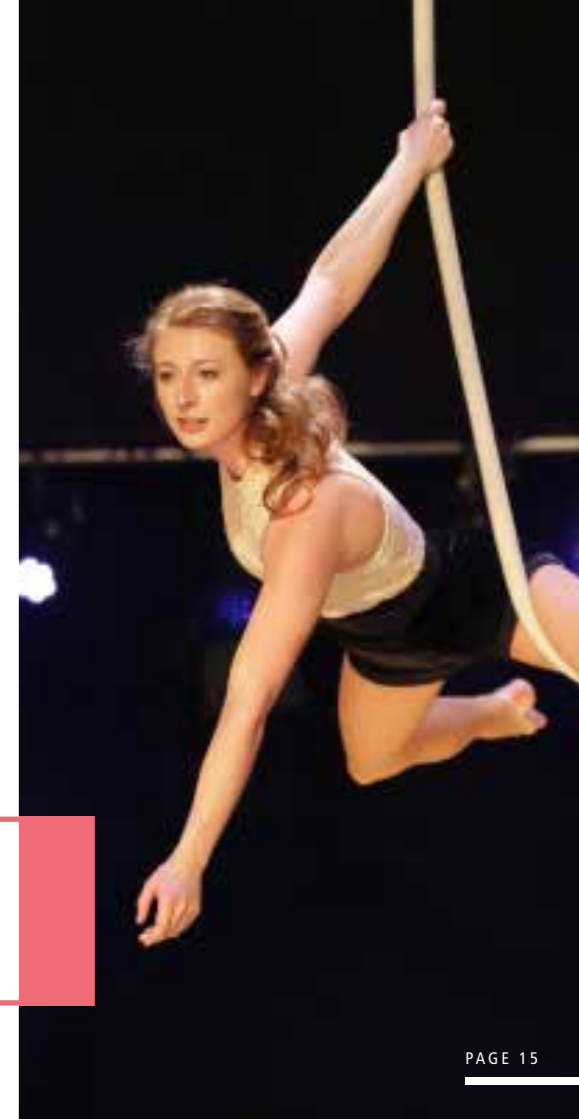
ART BACHELOR (BA)

This Bachelor's programme educates talented and motivated young people for the profession of circus performer. This internationally orientated study programme results in an internationally recognised academic Bachelor's degree in professional education as circus performer and is taught by a highly qualified team working in state-of-the-art training facilities. This Bachelor's programme provides training in a variety of circus disciplines such as Juggling, Partner Acrobatics, Swinging Trapeze, Chinese Pole, Hand to Hand, Rope, Straps and Static Trapeze.

Our study programme is qualified as a Member of the European Federation of Professional Circus Schools FEDEC, and is a business partner of INTENTS, Festival Circolo and many more. Career prospects for the contemporary circus performer encompass the entire world of the circus, a broad professional field that has undergone solid evolution and that today embraces a variety of structures ranging from circus and variety shows through street performances and site-specific work to circus theatre, visual theatre, amusement parks, events and many more.

TILBURG CAMPUS STAPPEGOOR
BACHELOR OF ARTS

fontys.edu/acapa





MUSIC AND PERFORMING ARTS BACHELOR (BA)

This degree programme is an ambitious, innovative conservatory-based programme that emphasises the importance of high-quality performance, chamber music and creativity. This Bachelor's programme trains students to a high level of excellence while connecting music with other art forms such as dance, theatre and the fine arts. Our core study programme components include artistic excellence, an international environment, intensive work with ensembles in residence and interdisciplinary opportunities. The programme offers training in jazz or classical music.

Our business partners include a variety of ensembles in residency, as well as local and international presenters. We train our students to become pioneers in their field. The pioneering attitude of our students is based on six core skills: ensemble performance, self-management, interdisciplinarity, applied research, collective entrepreneurship and international connectedness. Our professors themselves are internationally renowned artists, who can offer the skills and abilities that will help our students achieve a higher level of artistry. In addition, our students work extensively alongside a number of high-profile ensembles in residence.

TILBURG CAMPUS ZWIJSENPLEIN
BACHELOR OF ARTS
fontys.edu/ampa

TILBURG CAMPUS ZWIJSENPLEIN
BACHELOR OF SCIENCE
fontys.edu/architecture

MASTER OF ARCHITECTURE (MSc)

This concurrent Master's programme is collaborative, topical, creative and practice-based. Although firmly rooted in the Dutch architectural tradition, the study programme has a strong international orientation. The objective of the Master's programme is to train architects who are capable of effectively combining design intelligence with a reflective attitude and practical and entrepreneurial skills.

The Master's programme works alongside a number of local, national and international partners in the field of architecture. Graduates from this study programme acquire an integrated, design-led approach to tackling the complex issues of the contemporary built environment, that prepares them for a prospective career in the diverse areas of architecture and the related professional fields. The Netherlands has an excellent worldwide reputation in architecture and urban planning. All graduates from the Master of Architecture/Master of Urbanism programmes are directly qualified to bear the title Architect or Urban Designer after completing the Master's programme, without an initial two years of working experience.





TILBURG CAMPUS ZWIJSENPLEIN &
CODARTS ROTTERDAM **MASTER OF ARTS**

fontys.edu/choreography

MASTER OF CHOREOGRAPHY (MA)

This part-time innovative Master's programme, designed to support experienced movement makers from a variety of fields, is run jointly by Codarts University of the Arts in Rotterdam and Fontys School of Fine and Performing Arts in Tilburg. The course exposes students to a broad range of approaches, movement disciplines and creative domains, while supporting them in retaining ties to their own field of work. Students are the co-creators of the course, and share responsibility for forming a productive learning cohort, together with their peers.

Our partners in business include local and international collaborators. Graduate students from this study programme acquire new methods of approaching and communicating their creative practice, and sharpen these skills in a manner that opens doors to various academic, educational and creative domains. At the end of the programme, they are creative movement experts able to work alongside anyone, anywhere, at any time. The Master of Choreography is a real investment in themselves and their career.

MASTER OF MUSIC (MA)

This intensive two-year Master's programme combines a number of core elements including international masterclasses, individual lessons and lectures on research skills, cultural entrepreneurship, the philosophy of music and music marketing. What makes this Master's programme unique is the personalised component according to which students receive a two-year scholarship that enables them to tailor the programme to suit the needs of their emerging career.

The school maintains strong connections with local concert halls and venues. Therefore, as a student you will have ample performance opportunities in the region. The Royal Danish Academy of Music, Anton Rubinstein (International Musikakademie), P.Porto, and more.

The Master of Music is an advanced degree programme for highly gifted musicians seeking a career as professional performers on national and international concert stages.

TILBURG CAMPUS ZWIJSENPLEIN
MASTER OF ARTS

fontys.edu/masterofmusic





MASTER OF PERFORMING PUBLIC SPACE (MA)

This blended-learning Master's programme offers an enriching & flexible learning environment that relates directly to the students' current artistic work in public space. It breaks new ground in investigating public space as a backdrop for artistic expression and performance. This Master's programme is designed for an international group of creative individuals from a variety of art disciplines, who currently focus on public space as their artistic environment.

The new Master's programme will help build a solid network of international festivals, artists, platforms and organisations that focus on the use of public space for artistic production and performance. After completing the Master's programme, graduates will have developed skills in artistic (practice-based) research, expanded their knowledge of all forms of art in public space, and worked on the co-creation of projects with other (artistic) disciplines.

TILBURG CAMPUS ZWIJSENPLEIN &
ONLINE **MASTER OF ARTS**
fontys.edu/publicspace

TILBURG CAMPUS ZWIJSENPLEIN
& ONLINE **MASTER OF SCIENCE**
fontys.edu/urbanism

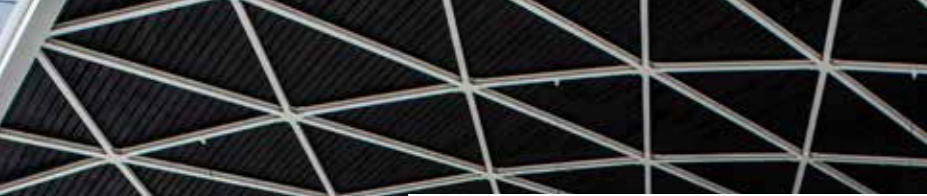
MASTER OF URBANISM (MSc)

This Master's programme is based on a unique educational concept that combines education and work experience. Over a period of four years, students will study theory and urban design at the university while working in professional practice for the rest of the week. After completing this degree programme, our students will be ready to become future change makers in urban design.

The Master's programme collaborates with a variety of relevant national and international partners from the field. Graduates from this programme acquire an integrated, design-led approach to tackling the complex issues of today's built environment, that will prepare them for a prospective career in a variety of architectural and related professional fields. The Netherlands has an excellent worldwide reputation for architecture and urban planning.

All graduates from the Master of Urbanism/ Master of Architecture programmes are directly qualified to bear the title Architect or Urban Designer after completing the Master's programme, without an initial two years of working experience.





> **30,000** STUDENTS TRANSFORM
 TILBURG INTO A HUB OF CREATIVITY
 AND INNOVATION EVERY SINGLE DAY



COMMUNICATION

International Communication Management (BA)





INTERNATIONAL

Are you fascinated by the global society and how people interact in different cultures? Do you want to contribute to a better understanding between communities and help develop creative solutions to today's challenges? Then International Communication Management is the study programme for you. Over the past few decades, modern communication methods and technological innovations have turned the world into a global village. As a consequence, today's communication professionals must be able to adapt in a field that is constantly on the move.

The Bachelor's degree in communication management (ICM) is a 4-year programme aimed at creative and cosmopolitan individuals who are open to the world. The programme is taught exclusively in English to a student body from all corners of the globe. The curriculum will focus on all aspects of international communication, such as media relations, branding, marketing communication, corporate communication and concept creation. With extensive opportunities for international exchanges, ICM is an excellent stepping stone to a career in international and intercultural communication and related fields. Our faculty comprises both academics and representatives from professional practice, who will help integrate academic knowledge and practice-based learning that can then be applied directly to real-world issues and in real-life situations.

EINDHOVEN **BACHELOR OF ARTS**

fontys.edu/icm

BUSINESS AND ECONOMICS

- International Business (BBA)
- Trend Research & Concept Creation in Lifestyle' (international lifestyle studies)
- Finance & Control - International Finance & Control (BSc)
- Marketing Management (BSc)
- Marketing Management - Digital Business Concepts (BSc)
- Master of Business Administration (MBA)
- Master of Science in Business and Management (MSc)





INTERNATIONAL BUSINESS (BBA)

In a period of increasing global competition, many companies are operating globally or are considering doing business internationally. But how do they decide in which markets they wish to operate? How can they finance such undertakings? How can they hire the ideal internationally qualified employees? How can they make their product or service stand out from the crowd?

These are some of the issues facing managers at international companies, for which students will be prepared during the IB programme. This broad-based business studies programme covers all the departments that make up a company: from general management to human resources and from marketing to finance. The programme aims to prepare students for a management position within an international business environment.

After gaining further work experience, graduates in International Business will be qualified to lead a company, manage one of its many departments or even found their own business.

EINDHOVEN OR VENLO BACHELOR OF BUSINESS ADMINISTRATION

fontys.edu/ib

TILBURG BACHELOR OF ARTS

fontys.edu/ils

TREND RESEARCH & CONCEPT

CREATION IN LIFESTYLE

(INTERNATIONAL LIFESTYLE STUDIES)

Are you a curious, open-minded and enterprising individual, and would you like to make a positive contribution to changing our world? Are you interested in discovering what we will be eating and drinking in ten years' time? How will we spend our leisure time, and what factors will influence our health?

This programme is designed to help students investigate and translate trends into creative and viable concepts for products and services that will improve the quality of life. Students are taught all about the lifestyle sectors health, food, human movement, leisure, appearance, work and living. From day one of the programme, our students will undertake assignments for various companies within the lifestyle industry such as IKEA, Unilever, Rituals, Philips and Weleda. Graduates from this programme are eligible for a job in marketing, innovation, research & development and new endeavours within internationally operating lifestyle organisations.

This Bachelor's programme is officially registered as Trend Research and Concept Creation in Lifestyle.





FINANCE & CONTROL

- INTERNATIONAL FINANCE & CONTROL (BSC)

Are you interested in figures and company strategies and would you like to learn to make decisions on a corporate business level? With our bachelor programme in International Finance & Control you acquire general management knowledge and skills providing you with many career opportunities at national and international companies.

The rapid changes in the business environment – including globalisation and digitisation – challenges managers of national and international companies. Every day, they need to make the right decisions to secure their company's long-term existence. Which strategies, products and business models are suitable for a company to stand out from the competition? How can risks and opportunities be assessed and consequently be responded to proactively? How can the existing resources in a company be used to reach the company's value, risk and sustainable objectives? This study programme prepares you for these and other challenges of management and controlling. You acquire business management knowledge in the core areas of controlling, financing, accounting, risk management and strategic management. You also gain knowledge that will prepare you to work as a general manager, in areas like marketing and human resources. Soft skills like problem-solving, communication or team management are also taught as well as foreign languages.

VENLO **BACHELOR OF SCIENCE**

fontys.edu/ifc

VENLO **BACHELOR OF SCIENCE**

fontys.edu/international-marketing

MARKETING MANAGEMENT (BSc)

Designing an exciting marketing campaign for the new iPhone, organising a press conference for Greenpeace or conducting market research into the emotions associated with eating ice cream.

All are examples of the day-to-day work of marketing professionals. As a marketer, you understand precisely what triggers consumers' choices. You know why people are willing to pay a premium price for Coca-Cola even if a different brand achieves a higher score in a blind tasting test, or you may be the person who comes up with a concept that encourages people to queue up all night waiting for the release of the new PlayStation.

Marketing Management teaches students how to respond to the wishes and needs of customers in an international environment by studying such topics as market research, brand management, consumer behaviour and digital marketing. This knowledge is applied in a different marketing project each semester. The study programme Marketing Management prepares its students for a career as sales, marketing, brand or event manager with leading companies such as Heineken, Porsche, Red Bull or L'Oréal.





MARKETING MANAGEMENT

- DIGITAL BUSINESS CONCEPTS (BSc)

The study programme digital business concepts prepares its students for a commercial future in the digital world. Students are taught all about innovative (digital) marketing strategies, how to launch a start-up and how to develop innovative digital concepts. Our students will learn to combine a range of skills such as creativity, commerce and media technology, and acquire an enterprising and entrepreneurial mind set.

Students in Digital Business Concepts will follow a series of mandatory subjects including online marketing, concept development and creativity, futurology, big data marketing, media & (data) technology. The study programme naturally also deals with basic study skills including research, business economics, general economics.

Graduates are ready for employment at digital agencies, with start-ups or businesses involved in innovation and corporate development. Excellent students can obtain a premaster's degree at Tilburg University, and complete an MSc in Communication and Information Sciences from Tilburg University, in just one additional year.

TILBURG BACHELOR OF SCIENCE

fontys.edu/dbc

VENLO MASTER OF BUSINESS ADMINISTRATION

fontys.edu/mba

MASTER OF BUSINESS

ADMINISTRATION (MBA)

IN COLLABORATION WITH FOM UNIVERSITY OF APPLIED SCIENCES (GERMANY)

In collaboration with FOM University of Applied Sciences (Germany), Fontys offers a part-time MBA programme intended for graduates with professional experience. Engineers, scientists, lawyers and arts and social science graduates can use this MBA to supplement their specialist knowledge to qualify them for managerial positions.

This 2-year study programme enables our students to acquire a fundamental understanding of economics, marketing, finance, and management/leadership, in year one, followed by specialisation and a Master's thesis in year two. As a part-time study programme, teaching is often 2-3 times a month, on Friday evenings and Saturdays. This highly versatile MBA programme allows students the freedom to choose from a wide range of subject options, depending on their career aspirations, skills and interests. Among others, this study programme will open up a career pathway as management consultant, marketing manager, investment banker, operations manager or financial advisor.





MASTER OF SCIENCE IN BUSINESS AND MANAGEMENT (MSc)

IN COLLABORATION WITH THE UNIVERSITY OF PLYMOUTH (UK)

This Master's programme is designed for new and recent graduates from any discipline with little or no work experience who wish to gain a business and management qualification to pursue a career in management at strategic level.

The programme can be completed within 12 months, and provides students with the opportunity to study in two countries: Fontys University of Applied Sciences (The Netherlands) and the University of Plymouth (UK). The first term in Venlo provides fundamental knowledge of marketing, finance and management/leadership. During the second term in Plymouth, students will have the opportunity to specialise in a subject field such as marketing, finance, supply chain management or international business. The third term is dedicated to the Master's thesis and may be completed at any chosen location. Alumni from this programme are employed all over the world, for example at IBM, Ernst and Young, Philips, HP, PricewaterhouseCoopers and Nike.

**VENLO & PLYMOUTH
MASTER OF SCIENCE**

fontys.edu/mbm

ALLIED HEALTH

PROFESSIONS

PHYSIOTHERAPY

AND MIRT

- Physiotherapy
- Medical Imaging and Radiation Therapy (MIRT)





PHYSIOTHERAPY

The Physiotherapy study programme offers physiotherapists in training a solid foundation of knowledge (in Anatomy and Physiology), assessment and therapeutic skills training and the opportunity to deepen and broaden their knowledge in specific areas.

In society, we are increasingly seeing the development and broadening of the role of the physiotherapist with regard to healthcare technology (virtual and augmented reality, ultrasound), inter-professional collaboration with other healthcare professionals, and the counselling of patients in self-management. Within the study programme, physiotherapists in training are free to choose those fields in which they wish to deepen or broaden their knowledge, and gain a greater understanding of the developments in physiotherapy and healthcare. The Physiotherapy study programme trains futureproof and enterprising physiotherapists who are thoroughly prepared for the rapid changes taking place in society and healthcare and who have an eye for the quality of care, starting from evidence-based practice. The physiotherapist in training is becoming a critical healthcare professional with an investigative and entrepreneurial attitude. The educational environment with its reliance on skills labs, Explore Labs and Living Labs, adds real value for both students and staff.

EINDHOVEN **BACHELOR OF SCIENCE**

fontys.edu/physiotherapy

**KUN JE DEZE INFO
AANLEVEREN?**

LOCATIE CAMPUS XXXX
MASTER OF XX

fontys.edu/xxx

MEDICAL IMAGING AND RADIATION THERAPY (MIRT)

The English stream program of the Dutch MBRT bachelor study, qualifies you to become a professional in medical imaging and radiotherapy. You will learn everything about imaging and treatment in radio-diagnostics, ultrasound and nuclear medicine. For example, you will learn how to prepare patients for an examination, learn how to take and archive photos, scans and ultrasounds and how to document plus save the data. Also you will, for example, learn how make a radiation plan for a cancer patient. After graduating you can choose to work in Radiology, Ultrasound, Nuclear Medicine and Radiotherapy departments of hospitals or in business or commerce.

We will teach you how to use the equipment, communicate medical, technical results and findings eventually working up to making a plan for treatment. We will provide thorough supervision by allocating study career counselors, whom you can always contact.

[READ MORE →](#)

**KUN JE HIER
EEN FOTO VOOR
AANLEVEREN?**

**KUN JE HIER
EXTRA FOTO'S VOOR
AANLEVEREN?**

The program is designed so that you learn and study independently, as well as in groups. You yourself have a passion for health care and you find it important to interact with people. Good communication skills are therefore essential to achieve this. Of course we will help you further develop these skills. As it is a distinct profession we are looking for personalities with special competences. You will be perceived as a young future professional, finding it helpful being somewhat self-assured as you undoubtedly will be working with (seriously) ill people. If innovative technical developments appeal to you, and you like the challenge of applying them, this bachelor might be for you. An example of technical development together with our integrated programs in the work field is providing patients with optimal diagnosis and treatment. Due to the technical nature of this course, it is important that you are sufficiently proficient in mathematics and physics.

ICT & ENGINEERING

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





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.

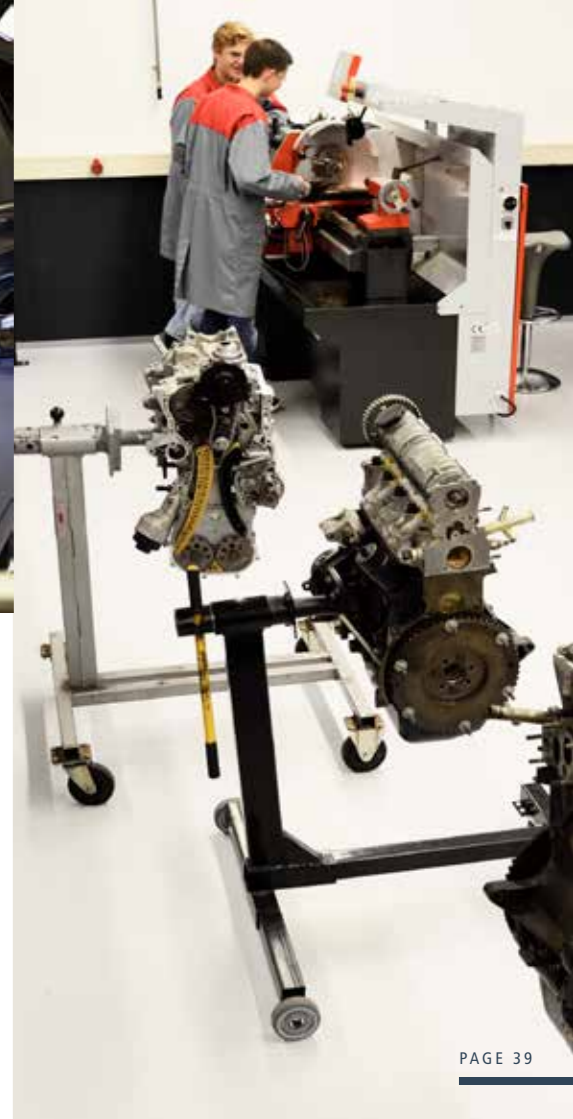
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fontys.edu/technologyandbusiness



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.





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fontys.edu/eee

ELECTRICAL & ELECTRONIC ENGINEERING

Electrical 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.

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.





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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 infra-structure 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.

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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.





MECHANICAL ENGINEERING

Mechanical Engineering is all about machines and their mechanisms. It is the broadest branch of engineering, sometimes described as “The Mother of All Engineering”. Many other engineering studies find their origin in mechanical engineering. This means that your possibilities as a mechanical engineer are limitless. You might have a career designing and creating roller coasters for amusement parks, or be involved in the development of innovative, lifesaving techniques in the medical field. Or, as a process engineer, you could be optimizing and creating durable and sustainable new processes for the industry. And how about being in the lead for the newest and most challenging high tech developments for chip manufacturing?

Are you interested in designing machines, products and processes? Do you enjoy creating new things? Or working on technical solutions? If you are passionate about technology, curious, resourceful and accurate, then mechanical engineering may be the right field for you. The course Mechanical Engineering at Fontys is aimed at building up solid theoretical knowledge and applying that in real situations. Our program stands out for offering a lot of practical work and hands-on projects where you will work in teams on real and current issues. An internship and graduation project at a company in the Brainport region are guaranteed to boost your engineering skills and relevant experience to kick-start a successful career!

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fontys.edu/mechanical

EINDHOVEN **BACHELOR OF SCIENCE**

fontys.edu/mechatronics

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.





INFORMATION TECHNOLOGY:

- 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.

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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.





FONTYS ICT PROGRAMMES WERE
RANKED 'EXCELLENT' IN 2018, BY THE
DUTCH ACCREDITATION AUTHORITY
FOR MORE INFORMATION: NVAO.COM



LOGISTICS & SUPPLY CHAIN MANAGEMENT

- Logistics Management - international fresh business management
- Logistics Management
- Logistics Engineering
- Master of Science in international logistics / procurement / operations management & supply chain management





LOGISTICS MANAGEMENT

INTERNATIONAL FRESH BUSINESS MANAGEMENT

Today, we take for granted the availability of fresh produce, including fruit and vegetables, on our supermarket shelves. But how do these products find their way into your shopping basket? What are the ideal steps from production to consumption? How are foodstuffs and other fresh products manufactured, packaged, traded, transported and sold?

Who is responsible for developing new foods and fresh produce concepts? IFBM provides the answers to these and many other questions. Within this study programme, our students will learn about the marketing and logistics of fresh products while at the same time, acquiring a thorough basic knowledge of economics, management and communication both in a classroom setting and during practical assignments on behalf of businesses from the sector.

Graduates from IFBM can seek employment in supply chain management, purchasing, product development, export management and consultancy with leading businesses including Coca-Cola, Danone, Nestlé and Amazon.

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fontys.edu/ifbm

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fontys.edu/logistics-management

LOGISTICS MANAGEMENT

Transporting products such as mobile phones or iPads from A to B may sound simple, but before a new iPad is ready for sale, it has passed through a whole series of logistics processes. Take for example the numerous parts that must be collected from all over the world. The production and delivery of goods must always be of good quality, must take place at the right time, in the right quantity and at the right place. The study programme logistics management teaches students how to manage and improve the logistical flow of goods.

The first 1,5 years of the study programme focus on Warehousing, Distribution and Production Logistics at operational, tactical and strategic level. In the second part of the study programme, students specialise in either Logistics Management or Logistics Engineering. Logistics Management, as the name suggests, focuses on the managerial aspects of logistics. A logistics manager is responsible for generating key information for the control and improvement of business performance. The tasks of the logistics manager include ensuring compliance with customer delivery agreements and the establishment of collaboration with suppliers. In addition to learning about logistics, students of Logistics Management will be taught all about business economics, statistics and management skills to prepare for professional practice as a manager or team leader for warehouse operations, supply chain management or process control, at such companies as PepsiCo, DHL, Philips, Kaufland or L'Oréal. Within 4 years of logistics studies you will have done 5 projects within companies, applying your knowledge and helping them to improve their logistics and supply chain performance.





VENLO **BACHELOR OF SCIENCE**

logistics-engineering

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.

During the first 1,5 years you acquire solid knowledge in the fields of warehousing, production and distribution before. Afterwards, you get future-proof and specialise in Logistics Engineering: companies are looking for talents being able to analyse data, deal with IT systems and most of all love crunching numbers. 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. Within 4 years of logistics studies you will have done 5 projects within companies, applying your knowledge and helping them to improve their logistics and supply chain performance.

MASTER OF SCIENCE

IN INTERNATIONAL LOGISTICS / PROCUREMENT / OPERATIONS MANAGEMENT & SUPPLY CHAIN MANAGEMENT

This Master's programme is designed for logistics graduates with little or no work experience, who wish to gain knowledge, technical expertise and the confidence needed to become a highly competent and self-sufficient professional. By studying at two universities, in two countries, Fontys (The Netherlands) and the University of Plymouth (UK), the students will obtain a British Master's degree that can be completed within 12 months.

The first term in Venlo provides a fundamental knowledge of supply chains, production control systems, economics and maritime finance, business modelling and academic research skills. During the second term in Plymouth, the students choose one of 3 pathways to deepen their knowledge in international logistics, international procurement or operations management. All pathways also include a main module in Supply Chain Management. The third term is dedicated to the Master's thesis and can be completed at any chosen location. Graduates from this Master's programme have an internationally recognised qualification that enables them to apply for a wide range of jobs in logistics, transport, distribution, freight management, operations management, warehousing or consultancy.

VENLO & PLYMOUTH
MASTER OF SCIENCE

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**IK HEB DEZE SPREAD NOG OVER... DUS ALS JE NOG WAT INFORMATIE KWIJT WIL KAN DAT HIER.
(BOEKJE MOET ALTIJD DEELBAAR DOOR 4 ZIJN IVM DRUKWERK)**

