



# WHERE STUDENTS MATTER

**2020  
ENTRY**





# CONTENTS

Welcome to The Netherlands .....	4
Welcome to Middelburg & Vlissingen .....	6
Student life .....	8
This is HZ.....	10
HZ takes you further .....	12
Partner universities .....	13
Logistics Engineering .....	14
Industrial Engineering & Management .....	16
ICT .....	18
Chemistry .....	20
International Business .....	22
Tourism Management.....	24
Water Management .....	26
• Aquatic Ecotechnology, Delta Management and Spatial Planning & Design	
Civil Engineering .....	28
River Delta Development (Msc.) .....	30
Practical information .....	32
Campus life .....	34
Admission requirements .....	36
How to apply .....	37
Visit us .....	38
Contact .....	39





# WELCOME TO THE NETHERLANDS

Tulip fields, windmills, wooden shoes and plenty of cheese. Also lots of people for its small surface area: over 17 million inhabitants on 41,528 km<sup>2</sup>. Oddly enough, there are even more bikes: 20 million. The Dutch are known as open-minded, tolerant and friendly. A long tradition of trading and seafaring has made them fluent in languages.

## THE DUTCH EDUCATION

Higher education in The Netherlands has a worldwide reputation for its high quality. This quality is guaranteed through a national system of regulation and quality assurance. Every year the 'Keuzegids Hoger Onderwijs' (Guide to Higher Education) holds a survey of higher education in The Netherlands. Since 2011 – so 9 years in a row - the guide has ranked HZ in the top 3 of multidisciplinary Dutch universities of applied sciences. The quality and accessibility of our lecturers and the small student groups are among HZ's assets. But also the classrooms, workspaces and computer facilities were rated as excellent.

## THE DUTCH EDUCATION SYSTEM

The education system in The Netherlands is a dual system consisting of research universities and universities of applied sciences. The difference between these two is that research universities focus on theoretical education and universities of applied sciences are more practical oriented, with real-life cases and internships.

## AN INFORMAL STUDY ENVIRONMENT

The Dutch culture is said to be based on negotiations, debates and compromises. It is an attempt to make each individual opinion count and taken into account in the decision-making process. Also at HZ, you will find a flat egalitarian organisational structure. You will be encouraged to ask questions, give your opinion, analyse and make recommendations. Interactions and discussions are highly appreciated during the lectures. You will study in an informal environment, some teachers are even addressed by their first names.

## EXPERTS IN WATER MANAGEMENT

The Dutch are the ones who conquered land from the sea and made it their own. This centuries-long struggle with the sea has made them experts in water management. The Netherlands has a large number of world-renowned research institutes in this field and Dutch companies export their expertise in water conservation and land-reclamation projects all over the world.

## IN A NUTSHELL

- The official language is Dutch, but around 86% of the Dutch speak English
- Our capital is Amsterdam with 825,080 inhabitants
- Surface area of 41,528 km<sup>2</sup> (18,41% water)
- 17 million inhabitants, 488 per km<sup>2</sup>
- The Netherlands is a constitutional monarchy and a parliamentary democracy
- The currency is the Euro.
- 20 million bikes
- Summer temperatures range from 18 °C to 30 °C
- Winter temperatures range from 0 °C to 6 °C

## FACTS AND FIGURES



## WHY THE NETHERLANDS?

### EXCELLENT CAREER OPPORTUNITIES



*Some of the biggest multi-nationals are Dutch. We are world leaders when it comes to multiple areas of expertise, such as water, logistics, sustainable energy, international trade and agriculture.*

### GREAT PLACE TO LIVE



*The Netherlands is one of the safest countries in the world (Global Peace Index 2018) and ranks among the top 10 happiest countries worldwide.*

### STUDYING IN A STRONG ECONOMY



*The Netherlands is the 6th, most competitive economy in the world (Global Competitiveness Report, 2018).*

### HIGH RATED ENGLISH PROFICIENCY



*The Netherlands is ranked 2nd in English-speaking skills according to the EF English Proficiency Index.*







# WELCOME

## TO MIDDELBURG & VLISSINGEN

**ANAMARIJA  
GRADUATE  
INTERNATIONAL  
BUSINESS**



### A PLACE TO COME BACK TO

'I still love to visit Vlissingen once a month. Even though it is a small city, it has many things to offer. Biking to other cities is very common and chilling at the amazing Boulevard (beach) is an example of how to enjoy your student life here. Other things you might consider doing is joining HZ Cult, like I did, which included various events such as city trips, theatre, cinema and so much more. If you are more an outdoorsy type, you can participate in HZ Sport, where, for example, rowing competitions are held at least once a year. Or perhaps joining the student association is more your thing? Either way, you have plenty of things to choose from and bring you excitement, which is much needed to survive the actual studying.'

Zeeland literally means 'sea' and 'land' and that's what it is: a delta area consisting of islands and sea arms, inter-connected by dams, bridges and tunnels, a unique ecologically-rich area, flat as a pancake which makes cycling a piece of cake. In Zeeland, you will also find picturesque tourist towns and a rich cultural and historical heritage. Our international course programmes are conducted at our campuses located in Vlissingen and Middelburg.

### STUDYING ON THE COAST

Zeeland is well-known for its spectacular coastline and wide and clean beaches. With its stunning countryside, coastal villages, dunes and natural reserves, it is by far the most popular tourist region. Next to lots of museums, summer markets and regional food and music festivals, theatre, Zeeland hosts a number of big (inter)national events.

### MIDDELBURG

Middelburg has one of the most beautiful town centres of The Netherlands. The town centre, dating back as far as the first half of the ninth century, has a rich cultural heritage, which can be seen throughout the historic town centre. It is a diverse and vibrant city with a lovely atmosphere that has a lot to offer, including a vibrant student life. It offers a diverse array of shops, pubs, restaurants and events. You will find the campus in the heart of the town and it is serviced by good bus and train connections and safe cycling routes. All in all, a lovely place to discover.

### VLISSINGEN

With its beautiful beach, scenic promenade and many pavement cafes, Vlissingen exudes a year-round holiday atmosphere. It is small enough for you to get around the Dutch way: by bike. But at the same time the town is large enough to enjoy a real student life. Most HZ students live in student apartments in the town centre. They organise dinners, student parties or go to local pubs or spend their evenings at the cinema. And did we already mention the beach? Great for a morning run, a picnic or just hanging out with your friends! You will find HZ close to the town centre and it is serviced by good bus and train connections and safe cycling routes.

### GETTING AROUND

As almost everybody in the Netherlands, you will probably find biking the easiest way to get around in Zeeland. Don't worry about bringing a bicycle. You can easily buy a second-hand one in many places on your arrival. If you want to venture outside the province, the railway stations are within walking distance of HZ and the town centres.

The Netherlands has a great public transport system. In three hours, you'll find yourself at the other side of the country. Okay, that's not only because of fast trains but also due to the size of the country. Vlissingen and Middelburg lie close to the Belgian border, so Antwerp, Bruges and Brussels are almost on your doorstep.







# STUDENT LIFE

Everybody knows that being a student is much more than studying till the early hours of the morning and sweating at exams. That is just part of it. The part that helps you expand your mind, test your brain, make you proud of your hard-won achievements and feel yourself slowly but certainly develop into a qualified professional with expert knowledge and managerial skills. But a well-balanced professional also relaxes.

Fun, sports and being together with like-minded friends and going on trips: that is the reward for hard work. Vlissingen and Middelburg offer you everything you need to enjoy student life. Within cycling distance you will find shops, bars, the beach and loads of activities at HZ itself.



## STUDENT JOBS

As a subsidiary of HZ, the Work Zone (TWZ) assists in the administrative procedures around internships for both national and international students and in helping you find temporary student jobs.

## 'FEELING LIKE HOME, 2500 KILOMETRES AWAY FROM IT'

'The environment exceeded my expectations and I found myself in a diverse, international class, with students not only from the Netherlands but also from China, Slovakia, France, Italy, Syria and many other countries. The small community is such an advantage as it makes communication easy, so I never felt like a stranger. Living on the campus for international students has already given me a lot of unforgettable experiences. I first had a great roommate from the Dominican Republic, and we went through a lot of adventures together which may have led to some embarrassing photos, but we enjoyed every single moment. People here make you feel like you are home, even though you might be hundreds of kilometres away from it. You will never be alone with all these colourful personalities around you!'

**RADA  
FROM  
BULGARIA**



## HZ SPORT

Join HZ's sports club HZ Sport for all your sporting activities. Take part in weekly sports such as tennis, volleyball, indoor and outdoor football, swimming, or get discounts on activities such as kite surfing, climbing, go-karting and mountain biking. You can also join the local gym at a special rate.

## HZ CULT

Films, theatre, music, excursions and concerts: HZ Cult puts on a variety of cultural activities. As a member of HZ Cult, you will get discounted entry. This is a great way to get to know other students whilst enjoying all sorts of cultural events.

## PEER-PROJECT

The peer-project is another way to meet your fellow students, national and international, in a relaxed and friendly way. Alongside your normal classes you will spend 35 hours on activities, such as meals out, study-related activities and movie-nights.

## STUDENT ASSOCIATIONS

Whether you want to take part in fun activities, parties or just get to know other students, the students associations give you the opportunity to make new friends. Movie nights, BBQ's and fantastic parties: don't miss out on them! You can also take a more active role by helping to organize events.





# THIS IS HZ

HZ is nationally acclaimed for its high-quality programmes, modern facilities and international atmosphere.

## AT THE TOP

Every year the 'Keuzegids Hoger Onderwijs' (Guide to Higher Education) holds a survey of higher education in The Netherlands. Since 2011 – so 9 years in a row – according to the guide HZ has ranked in the top 3 of multidisciplinary Dutch universities of applied sciences

## WHERE STUDENTS MATTER

Teachers and supporting staff put great emphasis on individual coaching. Your study coach will help you choose elective courses and explore your career possibilities. HZ also has facilities and individual services for students with a disability or chronic illness.

## EXCELLENT CAREER PROSPECTS

Job prospects for HZ graduates are very good. While 25% of our graduates continue to study for a Master degree, 67,4% enters the job market\*. Renowned companies actively invites our students to join their company.

\* HBO Monitor 2018

## ACCREDITATION

The quality of the university's departments and study programmes is regularly assessed by the Ministry of Education, Culture and Science as well as by the Accreditation Organisation of the Netherlands and Flanders (Nederlands-Vlaamse Accreditatie organisatie; NVAO). All HZ's Bachelor degree programmes are accredited and are listed in the Central Register of Higher Education Study Programmes (CROHO).

## NEW PROGRAMME 2020

HZ intent on starting a new Associate degree programme in September 2020: Food & Gastronomy. For more information go to [www.hz.nl/en](http://www.hz.nl/en).



## HZ FACTS AND FIGURES



**4800 STUDENTS, 336 LECTURERS**



**8 ENGLISH BACHELOR PROGRAMMES,  
1 ENGLISH MASTER PROGRAMME,  
17 DUTCH BACHELOR PROGRAMMES**



**STUDENTS FROM ALL OVER THE WORLD,  
50 DIFFERENT NATIONALITIES**



**HZ OFFERS PROGRAMMES IN THE FIELDS  
OF WATER, TECHNOLOGY, BUSINESS,  
TOURISM, HEALTH CARE AND LOGISTICS**



**FOR 9 YEARS IN A ROW HZ HAS RANKED  
IN THE TOP THREE BEST UNIVERSITIES  
OF APPLIED SCIENCES OF THE  
NETHERLANDS**

**CANDICE  
FROM  
FRANCE**

## 'THIS JOB IS EVERYTHING I WAS LOOKING FOR'

'I studied International Business and Languages and loved every second of it! What I particularly like with IBL, and the international studies in general is how open-minded it makes us: we get to know so many different cultures both as HZ classmates and during our experiences abroad. In my opinion it's one of the best qualities one can have because, as a professional, you need to adapt, understand and compromise with the rest of your team and this level of open-mindedness makes it much easier. In my 4th year I got the chance to do my graduation internship in England as Content Creator. I was responsible for creating content for the website, writing up offers and helping the marketing team when needed. I absolutely loved it and was more than happy when they offered me to stay after graduation. This job is everything I was looking for: a challenging and creative work in an international team and in a company, which values I share and believe in.'



# HZ TAKES YOU FURTHER

"WE BELIEVE INTERNATIONAL EXCHANGE PROGRAMMES ARE EXTREMELY IMPORTANT SO WE OFFER YOU THE OPPORTUNITY TO STUDY FOR A SEMESTER AT ONE OF OUR PARTNER UNIVERSITIES."

Any international graduate will tell you that going abroad for a study was the best decision ever. That it has been an invaluable life experience, an ongoing adventure in personal development and that as a result they feel like a world citizen. At HZ, globalization is at the very core of our educational system. At the International Office you can get all the information you need to go global in your third year.

## MOBILITY GRANTS

While studying at one of our partner universities, you continue to pay your tuition fees to HZ; there are no additional tuition fees. In addition, you can apply for a mobility grant, for example the Erasmus grant, to cover part of your living costs abroad.

## HONOURS PROGRAMME

Are you ambitious and looking for an extra challenge alongside your course? Then the Honours Programme may be perfect for you! You will form a community together with other students as soon as you've been accepted. You will get to work on a social issue together, one which you can think of yourselves. It doesn't matter whether it's a national or international issue, it's up to you! You conduct a research during summertime in the country of your choice. The Honours Programme is fully financed by HZ. Successful participation leads to an Honours certificate and a Letter of Recommendation for a continuation of your studies and/or for job applications.

## ONE SEMESTER AT A PARTNER UNIVERSITY

We believe in international exchange programmes, so we offer you the opportunity to study at one of our many partner universities for one semester. Experiencing as many cultures and languages as possible, will be an addition to your resumé.

## ONE SEMESTER OF INTERNSHIP ABROAD

Next to that, you can do your internship abroad and participate in international projects. HZ offers internship opportunities in many different countries and will assist you with the application procedure.

## OUR PARTNER UNIVERSITIES

### AUSTRIA

Fachhochschule Krems  
Fachhochschule Kufstein  
Fachhochschule Vorarlberg, Dornbirn  
Fachhochschule Wien

### BELGIUM

Artevelde Hogeschool, Gent  
Howest, Kortrijk  
Artesis Plantijn University College, Antwerp  
Thomas More, Mechelen  
Thomas More Kempen, Geel

### BRAZIL

Universidade do Vale do Itajaí  
PUC de Minas Gerais  
Universidade Federal de Minas Gerais  
Universidade Federal de Viçosa

### CANADA

Capilano University, Vancouver  
Fanshawe College, London  
Kwantlen Polytechnic University, Surrey  
Mount Royal University, Ottawa  
Okanagan College, Kelowna  
St. Lawrence College, Kingston  
University of Waterloo, Waterloo

### CHILE

Universidad Mayor, Santiago

### CHINA

Jinan University, Guangzhou  
Hang Seng Management College, Hong Kong  
Shanghai Ocean University  
Hong Kong Shue Yan University

### CZECH REPUBLIC

University of Finance and Administration, Prague

### DENMARK

University of Southern Denmark, Odense  
Institute of Business and Technology  
Via University College, Risskov

### FINLAND

Laurea, University of Applied Sciences  
Metropolia University of Applied Sciences, Helsinki  
Satakunnan University of Applied Sciences, Pori  
Novia University of Applied Sciences, Vaasa

### FRANCE

Ecole de Management de Normandie  
EDHEC Business School, Lille/Nice  
IPAC, Annecy  
IDRAC, Lyon  
Ipag, Nice / Paris  
Université de Pau et du Pays de l'Adour  
Université Paris-Est Creteil- Val de Marne  
Université Grenoble Alpes

### GERMANY

Technische Hochschule Deggendorf  
Hof University of Applied Sciences  
Frankfurt University of Applied Sciences  
DHBW Mosbach  
University of Applied Sciences Bremen

### INDIA

IILM University, Gurgaon, Haryana

### INDONESIA

Universitas Budi Luhur, Jakarta  
Institut Teknologi Sepuluh Nopember

### ITALY

Università degli Studi di Ferrara

### JAPAN

Osaka Gakuin University  
Kindai University, Osaka  
Sataima University

### LATVIA

Turība University, Riga

### LITHUANIA

Klaipėdos University, Klaipėda

### MALAYSIA

Taylor's University, Selangor

### MEXICO

Tecnológico de Monterrey  
CETYS Universidad

### NORWAY

Oslo Metropolitan University  
Inland Norway University of Applied Sciences, Elverum/Lillehammer

### POLAND

Wrocław University of Science and Technology  
University of Economics Katowice

### PERU

Universidad San Ignacio de Loyola (USIL)

### RUSSIA

St Petersburg State politechnical University

### SINGAPORE

Nanyang Polytechnic

### SOUTH KOREA

Chung-Ang University, Seoul  
Dongguk University, Seoul  
Konkuk University, Seoul  
Korea University, Seoul

### SPAIN

Universidad de Barcelona  
Universidad de Cádiz  
Universidad de las Palmas de Gran Canaria  
Universitat de les Illes Balears, Palma  
Universidad de Zaragoza, Huesca  
Universidad Loyola Andalucía  
Universidad Francisco de Vitoria, Madrid  
Universidad Católica San Antonio de Murcia  
Universidad Politècnica de València

### SWEDEN

University West, Trollhättan  
Mid Sweden University, Östersund

### TAIWAN

National Dong Hwa University, Hualien

### THAILAND

King Mongkut's University of Technology Thonburi, Bangkok  
Rangsit University, Bangkok  
Kasetsart University, Bangkok

### TURKEY

Anadolu University, Eskişehir  
Bahçeşehir University, Istanbul

### UNITED STATES

Anderson University  
Bowling Green/KY  
Texas State of San Marcos  
Texas Christian University  
University of South Carolina Beaufort  
Bowling Green/OH  
Western Kentucky University  
Dowling College, New York

### VIETNAM

Can Tho University, Can Tho



**CHECK!**  
[hz.nl/logistics](https://hz.nl/logistics)  
for the full programme

# LOGISTICS ENGINEERING

## BACHELOR



BACHELOR  
OF SCIENCE



4 YEARS



ENGLISH



VLISSINGEN



TUITION FEES AND  
ADDITIONAL COSTS  
OF MAXIMUM  
€800,- IN YEAR 1

Logistics moves the world, regardless whether you are dealing with products, events, information or people. As a logistics engineer you can easily steer every logistical process in the right direction. You know that a chain is only as strong as its weakest link, so you tackle the weak spots right from the start. You not only make sure that the chain is complete, but also that every link in it is rock-solid. With your managing and analytical skills, you keep the world moving.

## PROGRAMME

YEAR  
1

Logistics is a broad field where technique and management meet. You start with the basics: international logistics, event logistics, financial management and purchasing. Since HZ is situated in a logistic hotspot, you will often work on real-life cases from renowned companies.

YEAR  
2

You focus on distribution logistics, production planning, management, change processes, marketing and export management. Two days a week you either participate as an intern at a logistics company or you are active on the board of the study association. On a regular basis you visit well known business partners, such as Coca-Cola, Samsung and Volvo.

YEAR  
3

- (international) Internship  
You gain work experience at a company
- (international) Minor  
You broaden your knowledge by choosing a programme in The Netherlands or abroad to specialize in

YEAR  
4

You choose your specialisation: Supply Chain Management, Human Logistics or Maritime Logistics Management. You complete your bachelor degree with a thesis and internship at a Dutch or international organisation.

## SPECIALISATIONS

In the 4th year of your study you choose to specialize in either Supply Chain Management, Human Logistics Management or Maritime Logistics Management.

### • Supply Chain Management

You focus on planning, coordinating and monitoring the supply chain of products and services from supplier to customer. You come up with solutions how to streamline this process by means of proper conduct planning, transportation, orders, the company's inventory and storage.

### • Human Logistics Management

How can you optimize the stream of patients in a hospital or make sure humanitarian aid start as fast as possible after a calamity? Human logistics deals with all these processes in which the flow of people form the primary process. You research on how human logistics processes, such as planning festivals, disaster logistics or the improvement of healthcare processes, work.

### • Maritime Logistics Management

The rapid increase in world trade has restructured the global maritime industry and has brought new challenges that ask for maritime logistics engineers. You plan how to coordinate the flow of goods at ports, check if the transport has gone as planned, but you also need to organize storage supplies. Your focus is on cargo that is shipped by water, but you also study the organization of new port facilities, terminals and wharfs.

## CAREER PROSPECTS

As a Logistics Engineer you have excellent career opportunities. There are openings in a variety of areas, such as distribution, logistics and transport companies, events and healthcareGlobal Logistics Manager:

- Production Engineer
- Fleet Manager
- Supply Chain Manager
- Warehouse Manager
- International Logistics Consultant

## FURTHER STUDIES

Upon graduation you can enroll in a master degree programme. If you want to do this abroad you can usually start straight away. If you wish to do this at a research university in The Netherlands, you may be required to follow a pre-Master's programme.

## TIMELINE



## 'I WORKED FOR SEVERAL INTERNATIONAL AND MULTINATIONAL COMPANIES'

'During the first study year I had the opportunity to work for several international and multinational companies. This greatly enhanced my insight in the different fields of logistics, such as transportation, production planning and organisation management. During the first year we are encouraged to find out in which logistics field we would like to work. The experience and knowledge I gained so far taught me how to make warehouse and production improvements for a company. The study offers many challenges as we constantly have to apply the theory into practice, but the support of my teachers and fellow students help me to complete all my tasks on time. I'm sure the varied experiences will be of enormous value to my profession. Moreover, the network I'm currently building up will surely create plenty of opportunities for my future career.'

**Laz from Hungary**





**CHECK!**  
**hz.nl/iem**  
for the full programme

# INDUSTRIAL ENGINEERING & MANAGEMENT

## BACHELOR



BACHELOR  
OF SCIENCE



4 YEARS



ENGLISH



MIDDELBURG



TUITION FEES AND  
ADDITIONAL COSTS  
OF MAXIMUM  
€800,- IN YEAR 1

## PROGRAMME

### YEAR 1

During the first year you will lay a strong foundation in technology, economy, organisational science and management. From day 1 you are introduced to your future professional work field. You work in project groups at host companies, on real-life assignments from the business sector relating to quality management, process optimization and maintenance. You focus on themes such as:

- Productions and Business processes
- Asset and maintenance management
- Quality Management
- Operational excellence

### YEAR 2

During the second year you will delve deeper into various subjects. Projects become more complex and focus on innovation and sustainability within an international context. You focus on themes, such as:

- Process Design and Process Redesign
- Material sciences
- Business Information Systems
- Innovation, Sustainability, Corporate Social Responsibility and Change management
- Marketing and Supply Chain Management

### YEAR 3

You gain further experience with your internship "Exploring today: Managing operational challenges" and with a minor in the Netherlands or abroad.

### YEAR 4

During your 4th year, you broaden and deepen your knowledge and skills even further and you prepare for your final thesis. You focus on themes, such as:

- Focus on future: analyzing strategic innovations
- Professional integration: aligning operational challenges with strategic innovations

## CAREER PROSPECTS

There is a large demand world-wide for professionals with a combined technical and managerial background. Industrial Engineering & Management offers the best job perspectives and highest starting salaries. Our graduates have secured positions as:

- **(Asset) manager**  
You manage physical assets during their entire life cycle, from design, acquisition, operation and maintenance to disposal.
- **Process engineer**  
You are able to quickly scan a company or department and use a variety of tools to analyse, improve and (re)design a given process.
- **Quality or Health and Safety Engineer**  
As a quality manager you assist in establishing systems to support an drive continuous improvements and minimize the costs. You plan, schedule, execute and coordinate the different activities related to quality, health or safety issues.

## FURTHER STUDIES

Upon graduation you can enroll in a master degree programme. If you want to do this abroad you can usually start straight away. If you

wish to do this at a research university in The Netherlands, you may be required to follow a pre-Master's programme.

## TIMELINE



STUDY AT HZ &  
2 DAYS PER WEEK AT  
A COMPANY



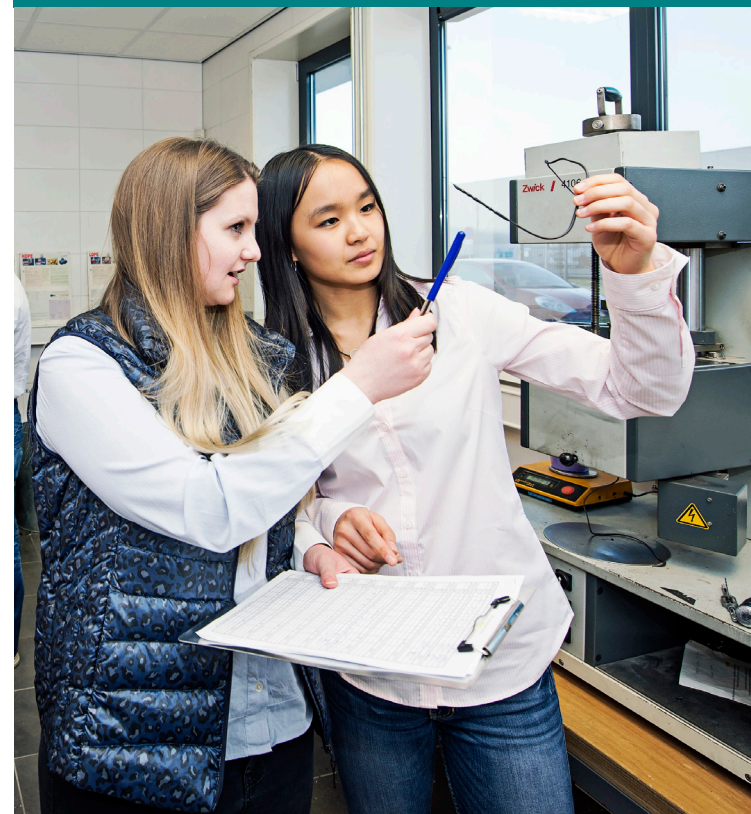
STUDY AT HZ  
& 2 DAYS PER WEEK  
AT A COMPANY



INTERNSHIP & MINOR IN THE  
NETHERLANDS OR ABROAD



FIRST SEMESTER AT HZ,  
SECOND SEMESTER IN  
THE NETHERLANDS OR  
ABROAD.



## 'IT'S GREAT TO SEE YOUR SOLUTIONS COME TO LIFE IN A REAL COMPANY'

'I was always interested in engineering, but the field is quite varied and broad. When I was looking which type of engineering I wanted to do, I found Industrial Engineering & Management at HZ. The programme is both practical and theoretical and right from the start you go for two days per week to a host company, working on real-life assignments. The company I worked for had some issues concerning quality management. We were able to give them a solution in the form of a quality checklist, which they are now implementing into their company. It's great to see your solutions come to life in a real company. If you really want to make a difference this programme is great. The world needs a lot of engineers in the future.'

**Shalyn Perko from Dominican Republic**





**CHECK!**  
[hz.nl/it](https://hz.nl/it)  
for the full programme

# INFORMATION & COMMUNICATION TECHNOLOGY

## BACHELOR



BACHELOR  
OF SCIENCE



4 YEARS



ENGLISH



MIDDELBURG



TUITION FEES AND  
ADDITIONAL COSTS  
OF MAXIMUM  
€400,- PER YEAR.  
A GOOD LAPTOP IS  
INDISPENSABLE.

## PROGRAMME

YEAR  
1

You learn an important skill for solving problems in IT: programming. You develop your own game and carry out a project for a real client. Just like the corporate world, we use the agile methodology. This means that you evaluate both yourself and your project during biweekly sprints. During the first year you focus on the following themes: Computer Science, Game Development and Modern Software Development

YEAR  
2

You focus on Design Thinking, a process in which you focus on the user, work in teams, and which allows you to find creative and innovative solutions for your ICT issue. This year is dedicated to your own work environment and your client. You frequently work on assignments for real companies in teams. Together with your team, you use the agile methodology. You focus on the following themes: Business value creation and Data Science.

YEAR  
3

You choose one of the two specialisations: Software Engineer or Data Science. Your minor and internship (in The Netherlands or abroad) are centred on your chosen specialisation.

YEAR  
4

The first semester is dedicated to your specialisation. You conclude the programme with a graduation research project at a company.

## SPECIALISATIONS

In the third year, you can choose from two specialisations:

### • Data Scientist

As a data scientist, you process large amounts of data from various types of sources (big data) and convert this data into usable insights for a company. This is done using special software and by writing algorithms to retrieve, structure and analyse data. You do not only have a good understanding of IT but are also able to convert data into solid advice.

### • Software engineer

You design and develop suitable software. This is of course done according to the requirements of the client. You learn to programme at the highest level, in various programming languages, and on the basis of the newest technologies.

## AGILE METHODOLOGY

In addition to developing your own skills, you frequently work in multidisciplinary teams. We do this using the agile methodology. This is not: working according to that one described perfect approach. This is: meeting the needs of your client and creating an out-of-the-box solution quickly, flexibly and together with your team. Basically, the same thing you will later be doing for a company. In doing so, you do not only look at your projects, but also your own development as a professional during biweekly sprints.

## CAREER PROSPECTS

Your chances of getting a well-paid job with a top company are excellent: around 2020, there will be about 1 million vacancies in IT in Europe. What are your career prospects? A few examples:

- IT consultant
- Software engineer
- Web developer
- Cloud engineer

## FURTHER STUDIES

Upon graduation you can enroll in a master degree programme. If you want to do this abroad you can usually start straight away. If you wish to do this at a research university in The Netherlands, you may be required to follow a pre-Master's programme.

## TIMELINE

YEAR  
1

STUDY AT HZ

YEAR  
2

STUDY AT HZ

YEAR  
3

CHOOSING SPECIALISATION.  
INTERNSHIP & MINOR IN THE  
NETHERLANDS OR ABROAD

YEAR  
4

FIRST SEMESTER AT HZ,  
SECOND SEMESTER IN  
THE NETHERLANDS OR  
ABROAD FOR YOUR  
GRADUATION.

FURTHER  
STUDIES OR  
WORK

## 'MORE THAN JUST PROGRAMMING'

'Within the HBO-ICT study programme, I learn more than just programming. You learn to consult with clients, how to prepare documents so a programmer can get to work with them, and how to draw up structures and plan a budget, for example. You're involved in the process from the design phase to the delivery and completion of the product. This makes it a lot of fun. I'm interested in virtual reality and was able to do my internship on this topic within HZ. In six months, I helped build an educational virtual reality app. This was a fun experience in a world where virtual reality and augmented reality are the future.'

**Maaïke Brouwers from The Netherlands**



# CHEMISTRY

## BACHELOR



BACHELOR  
OF SCIENCE



3 OR 4 YEARS



ENGLISH



VLISSINGEN



TUITION FEES AND  
ADDITIONAL COSTS  
OF MAXIMUM  
€350,- PER YEAR

**CHECK!**  
[hz.nl/chemistry](https://hz.nl/chemistry)  
for the full programme

## PROGRAMME

Chemistry is all about experimen-  
ting, researching and analyzing.  
What is a cheap way of making  
clean drinking water? And if we  
ever run out of crude oil, how we  
can produce liquid fuels from  
natural gas, algae, coal or waste  
wood? You are going to ensure  
diseases are no longer life-  
threatening, or you solve murder  
cases based on DNA analyses.  
Are you ready to help drive  
the world forward? Learn to  
understand the world at a  
molecular level with Chemistry.

**YEAR  
1**

In the first two years you acquire a broad,  
general knowledge of Chemistry and  
Biochemistry. You learn to do laboratory  
experiments, to interpret the outcome,  
to plan further experiments to achieve your  
goal and to communicate your results.  
You work on themes such as food chemistry,  
oil and biorefinery and health.

**YEAR  
2**

You focus on themes such as environmental  
chemistry, bio-organic foodbox, forensic  
science and marine biobased specialties.

**YEAR  
3**

You choose a specialisation: Applied Chemistry  
or Life Sciences. After you choose to do a  
research minor or project at HZ, a project  
for a Dutch or foreign company or studying  
at one of our partner universities.

**YEAR  
4**

You work on different research projects at  
one or two companies in The Netherlands  
or abroad.

## SPECIALISATIONS

In the third year you can choose to specialise in either Applied  
Chemistry or Life Sciences.

### • Applied Chemistry

You focus on the composition and quality of raw materials and  
products, such as drinks, shampoo, medicines and food.  
You analyse organic materials and study environmental problems  
and conduct research on how to improve products. You focus on  
the chemical principles, processes and techniques which you can  
apply in research.

### • Life Sciences

You focus on bacteriology, virology, epidemiology and immuno-  
biology, the development of modern vaccines and the application  
of DNA techniques to identify micro-organisms.

## THREE YEAR-TRACK

If you are looking for a substantial study challenge, the three-year  
track might be something for you. In order to enter this track you  
have to be highly motivated and qualified for an intensive and  
challenging programme.

## CAREER PROSPECTS

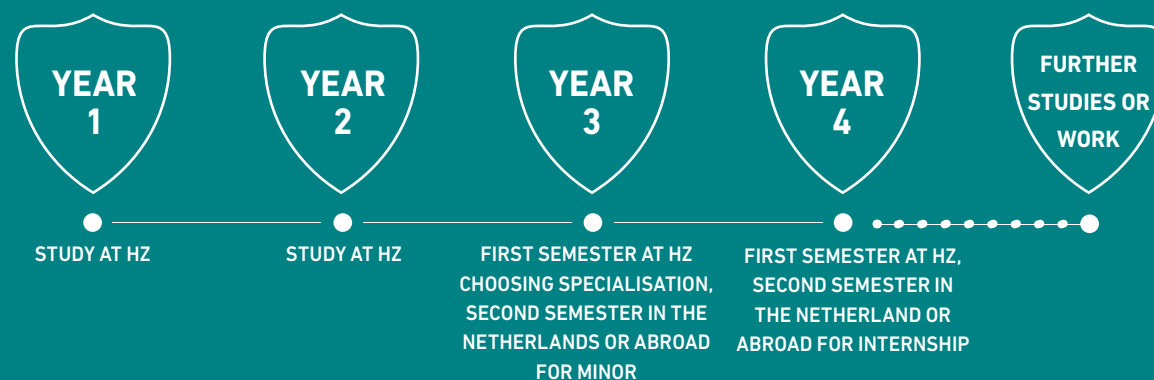
As a chemist you will have excellent career  
prospects. There are vacancies in a variety  
of areas, such as business, health care,  
environmental inspection and education.  
Our graduates have secured positions as:

- Junior researcher or research technician
- Product development analyst
- Quality controller

## FURTHER STUDIES

Many of HZ's Chemistry graduates undertake further study at Masters  
or PhD level to increase their knowledge of one of the branches studied  
during their degree, such as organic, inorganic, physical or analytical  
chemistry. Abroad you can continue doing a Master usually straight  
away. If you have done your minor at a research university in The  
Netherlands you can get direct access to a Master programme as well.

## TIMELINE



## 'THE EXPERIENCE AS AN ASTP STUDENT LED TO SEVERAL GREAT JOB OFFERS'

'I chose the Chemistry programme at HZ, although I was also accepted at several UK universities, because I preferred the practical aspects over theoretical study. My passion for chemistry helped me join the Analytical Science Talent Program (ASTP) where I was able to attend additional classes focused on Analytical Chemistry, in addition to my specialisation. Another aspect of the practical approach at HZ was the mandatory internships. The first internship I did was at Corbion Purac in the analytical department during which I was able to develop my own method for analyzing a bioplastic precursor. Then, at DSM Biotechnology Center, I tested the performance, limits and applicability of a new method. My final internship was at a start-up company, Dutch Screening Group, on the molecular imaging research focused on cardiovascular disease markers in hair. The HZ's practical education and the experience as an ASTP student led to several great job offers even before my graduation.'

Sara from Croatia





**CHECK!**

[hz.nl/ib](https://hz.nl/ib)  
for the full programme

# INTERNATIONAL BUSINESS

**BACHELOR**



**BACHELOR  
OF SCIENCE**



**3 OR 4 YEARS**



**ENGLISH**



**VLISSINGEN**



**TUITION FEES AND  
ADDITIONAL COSTS  
OF MAXIMUM  
€500,- PER YEAR**

International Business prepares you for challenging management positions at companies anywhere in the world. You learn how to do business with business partners from different cultural backgrounds. As a business graduate you are a multifunctional professional with a set of interdisciplinary skills and a solid knowledge base, allowing you to function as an intermediary across and within various business domains. You will be confident in expressing yourself fluently in two, three or even four of the most commonly used business languages worldwide.

## INTERNATIONAL BUSINESS-TRACKS

Within our business programme, you can opt for three alternative tracks. Depending on your personal IB-track, during year 1 and 2 you take part in business projects, MOOCs (online courses) or study additional business language.

### • International Business

The IB-track offers all major business courses including Business English that will ensure you to master the world's most important business language at C1 level.

In addition, you can customise your study programme by participating in a wide variety of business projects and guided MOOCs (online courses) of your choice.

### • International Business + 1 language (IB1L)

The IB1L-track offers all major business courses plus Business English that will ensure you to master the world's most important business language at C1 level.

In addition, you can choose to study one extra language (French, German, Spanish or Dutch) and customize your study programme by participating in various business projects and guided MOOCs (online courses) of your choice.

### • International Business + 2 languages (IB2L)

The IB2L-track offers all major business courses plus Business English that will ensure you to master the world's most important business language at C1 level.

In addition, you can choose to study two extra languages: French, German, Spanish or Dutch.

## PROGRAMME

**YEAR  
1**

You focus on themes such as:

- Market Research
- Intercultural awareness
- Financial Management
- Sustainable Business Development & Innovation
- International Trade & Supply Chain Management
- Business English

You visit renowned companies with a wide international network, such as Outokumpu, Your Surprise, Elopak, Lamb Weston and Kloosterboer.

**YEAR  
2**

You focus on themes such as:

- Organisational Behaviour & Performance
- International Marketing Planning
- Business Accounting
- Customer Relationship Management
- Business English

You set up and run a real company: a 'Student Company'. Together with other students you brainstorm and market a new product or service.

**YEAR  
3**

Minor and work placement abroad.

- IB-students study and work abroad in a country of their choice.
- IB1L-students study and work abroad in a country where their chosen language is one of the official languages.
- IB2L-students study and work abroad in a country where their chosen languages are one of the official languages.

**YEAR  
4**

During the 1st semester you study at HZ in Vlissingen and prepare your final graduation project. During the 2nd semester you carry out an in-company research in the Netherlands or abroad and complete your final graduation project.

## CAREER PROSPECTS

Our graduates can confidently apply for jobs, such as:

- International Marketing manager
- Digital Marketing Manager
- Import/Export consultant
- Purchasing manager
- Supply Chain Manager
- Market researcher

## THREE YEAR TRACK

If you are looking for a substantial study challenge, the three-year track might be something for you. In order to enter this track you have to be highly motivated and equipped for an intensive and challenging programme.

## TIMELINE

**YEAR  
1**

STUDY AT HZ IN LINE  
WITH THE SELECTED  
IB-TRACK

**YEAR  
2**

STUDY AT HZ IN LINE  
WITH THE SELECTED  
IB-TRACK

**YEAR  
3**

MINOR AND INTERNSHIP  
ABROAD (MANDATORY)

**YEAR  
4**

FIRST SEMESTER AT HZ,  
SECOND SEMESTER IN THE  
NETHERLANDS OR ABROAD

**FURTHER  
STUDIES OR  
WORK**

## 'I WAS HAPPY TO CONNECT WITH THE BUSINESS ENVIRONMENT'

'From the beginning of my studies, I enjoyed the mix of cultures in our small classes. It allowed me to get personalised advice from my teachers to progress rapidly. Furthermore, I was really happy to immediately connect with the business environment rather than only being involved with theoretical learning. HZ has given me opportunities I could not have wished for. In the past years I lived in no less than four countries, on two different continents, went from a global city, to the European centre, to the small but international Vlissingen.

I am now studying a MIB (Master of International Business) at Grenoble Ecole de Management, one of the best European business schools in France and I aim to become a manager in an international organisation within the next couple years.'

**Océane from France**



**CHECK!**  
**hz.nl/tourism**  
for the full programme

# TOURISM MANAGEMENT

## BACHELOR



BACHELOR  
OF ARTS



3 OR 4 YEARS



ENGLISH



VLISSINGEN



TUITION FEES AND  
ADDITIONAL COSTS  
OF MAXIMUM  
€500,- PER YEAR

Over the past 60 years international tourism has shown non-stop growth. No wonder the industry is looking for pioneers who can create new products and unforgettable experiences, whilst at the same time balancing financial interests and sustainability. Are you interested in travelling, a healthy lifestyle, events management, destination branding, gastronomy, trends hotel developments and hospitality? Tourism Management trains you to become a pioneering and enterprising professional in the field of tourism.

## PROGRAMME

### YEAR 1

You discover the fundamentals of the tourism and leisure industry. You work on real-life projects for both Dutch and international businesses and organisations. You focus on topics such as marketing, hostmanship, human resources, operational management, business modelling and value creation. At the end of the year you will do your first apprenticeship.

### YEAR 2

Subjects studies are: (inter)cultural communication, organisational cultures, digital intelligence, business analytics, technology trends, e-tourism, smart destinations, investment analysis and experience design. At the end of the year you do an internship and help an organisation by introducing improvements in service offering, operational processes or concepting.

### YEAR 3

Subjects studied are: strategic management, commercial skills, responsible tourism, ethics and a project lab in which you practice your applied research skills. You choose a minor that relates to your specialisation or tourism management.

### YEAR 4

In the 4th year you combine a management internship helping an organisation improve, such as a study, research or project.

## SPECIALISATIONS

You do your internships and project work in organisations that match your preference of one of the 4 specialisations. You can choose to specialise from year 2 and onwards, but don't need to. You learn to translate trends and developments in that sector to specific products and services:

### • Developing Hotels, Resorts and Parks

Your focus is primarily on all types of tourist related accommodations, such as hotels and resorts. You learn how to create a sustainable business concept, develop business processes, improve the company image and the quality of products and services.

### • Guiding Gastronomy, Advancing restaurants

Food trends such as slow food, organic food and the use of local food are booming. You learn how to recognise these trends and to translate them into business propositions.

### • Stimulating visits by branding destinations, tours and events

You learn how to identify a destination's strongest and most appealing assets through the eyes of a tourist and turn them into ideas to make a city or region even more attractive. Is a city renowned for its food markets? You come up with the idea to organise a tuk-tuk tour to visit all these local markets.

### • Promoting wellbeing & healthy lifestyle

You learn how to integrate a healthy lifestyle (wellness, yoga and detox travel) into the tourism and leisure industry, but also to help organisations improve their vitality policies. This could mean improving the work-life balance of employees, with mindfulness, healthy food and increasing physical activity.

## THREE-YEAR TRACK

If you are looking for a substantial study challenge, the three-year track might be something for you. In order to enter this track you have to be highly motivated and qualified for an intensive and challenging programme. Next to the three year track, you can also choose to follow your minor during summertime, so you can graduate in 3,5 years.

## CAREER PROSPECTS

The range of jobs within the field of tourism is as varied as the tourism destinations that you can think of. Our graduates have secured positions as:

- Marketing manager
- Hospitality professional
- Sales consultant
- Policy advisor
- HR consultant

## FURTHER STUDIES

With a HZ degree you can continue your studies with a master degree programme. If you want to do this abroad you can usually start straight away. If you choose to further your studies at a research university (like Tourism Destination Management) in The Netherlands, a pre-master may be required. For those certain to pursue further studies, options are in place to let the pre-master replace the 4th year, which could save you a year in continuing education

## TIMELINE

### YEAR 1

STUDY AT HZ & WORKFIELD  
ORIENTATION IN THE  
NETHERLANDS OR ABROAD

### YEAR 2

STUDY AT HZ &  
WORKFIELD  
ORIENTATION IN THE  
NETHERLANDS OR  
ABROAD

### YEAR 3

FIRST SEMESTER AT STUDY  
AT HZ, SECOND SEMESTER  
MINOR IN THE NETHERLANDS  
OR ABROAD

### YEAR 4

GRADUATION PHASE &  
TRAINEESHIP IN THE  
NETHERLANDS OR  
ABROAD

### FURTHER STUDIES OR WORK



## 'A STUDY PROGRAMME THAT COMBINES THEORY AND PRACTICE AT ALL TIMES'

'Since I grew up internationally (German, Italian and South African), I have always had endless possibilities in what to study and where to go. But I found my home here in Vlissingen, Tourism Management offers useful and interesting courses, such as Marketing, Business and Tourism, but so practically oriented with internships, minors and group work that it never feels like studying or work.'

Parissa from Germany





# WATER MANAGEMENT

**CHECK!**  
[hz.nl/watermanagement](https://hz.nl/watermanagement)  
for the full programme

## BACHELOR



BACHELOR  
OF SCIENCE



3 OR 4 YEARS



ENGLISH



MIDDELBURG



TUITION FEES AND  
ADDITIONAL COSTS  
OF MAXIMUM  
€300,- PER YEAR

Water is one of the most important substances on Earth. It is essential to many of the things we need and enjoy in life: food, transport and recreation, but managing it can also pose some serious challenges.

Around the world water managers contend with droughts, floods, sea level rise, over fishing, pollution, plastic soup and many other risks to both our natural environment and our society. We need water managers to safeguard our future! During the water management programme you will develop in your own field of expertise as you focus on the major water-related issues facing us today and towards solutions for UN Sustainable Development Goals like fresh water availability, clean seas, food production, healthy ecosystems, biodiversity and coastal safety.

## WATER MANAGEMENT TRACKS

Right from the start you will work on real-life cases together with professionals from the field, discovering your interests and talents. After the first semester you can opt for one of these three study tracks:

### • Aquatic Ecotechnology

You analyze the fresh and salt water issues in depth and suggest solutions to solve them from technical and other perspectives. You focus on water quantity and quality, water recycling, biology, and restoration of biodiversity to improve ecosystem services. You work with environmental chemistry and learn how to purify water for different purposes. You come up with nature friendly solutions for traditional flood defence and look how people can adjust to changing climate patterns.

### • Delta Management

As a Delta Manager you integrate multiple disciplines to develop a vision on climate challenges in an area. You develop strategies by taking into account economic, ecological, spatial and social aspects of a river delta area. Together with stakeholders you develop effective measures to deal with climate change. You will learn project- and process management and cross-cultural communication skills to manage complex water- and climate change related projects worldwide.

### • Spatial Planning & Design

You focus on adaptive planning and design of economically and socially dynamic areas under pressure of climate change. You monitor the effects of climate change and design spatial solutions on how cities and rural areas can deal with water challenges. You have to be creative to plan and design for improving the local context. You will learn how to 2D and 3D visualise and communicate your strategies.

## THREE-YEAR TRACK

If you are looking for a substantial study challenge, the three-year track might be something for you. In order to enter this track you have to be highly motivated and qualified for an intensive and challenging programme. Note: the three-year track is not available for Spatial Planning & Design.

## FURTHER STUDIES

You can continue your studies at HZ by choosing the master degree programme River Delta Development. When choosing the three-year track you are able to get your bachelor and master degree in 4.5 years' time or when choosing the regular track, in 5.5 years.

## CAREER PROSPECTS

Our graduates have secured positions as:

- Policy makers and advisors
- Assistant urban planners
- Environmental engineers
- Project managers
- Ecologists
- Researchers

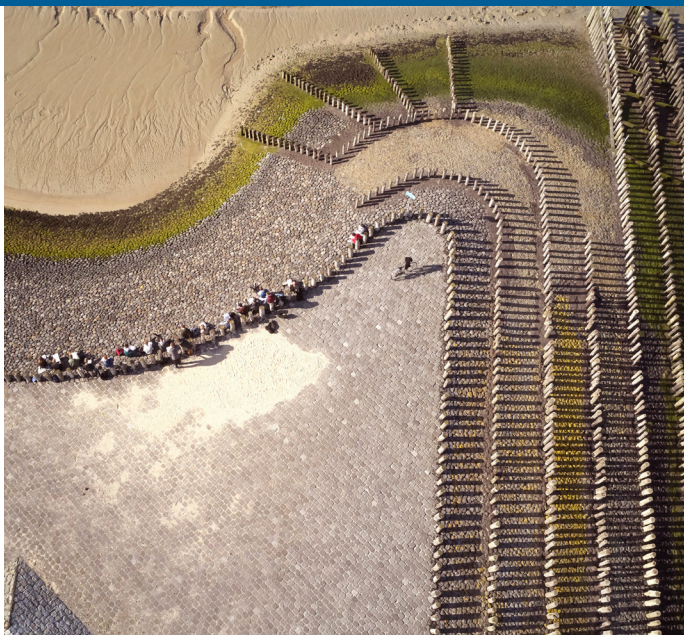
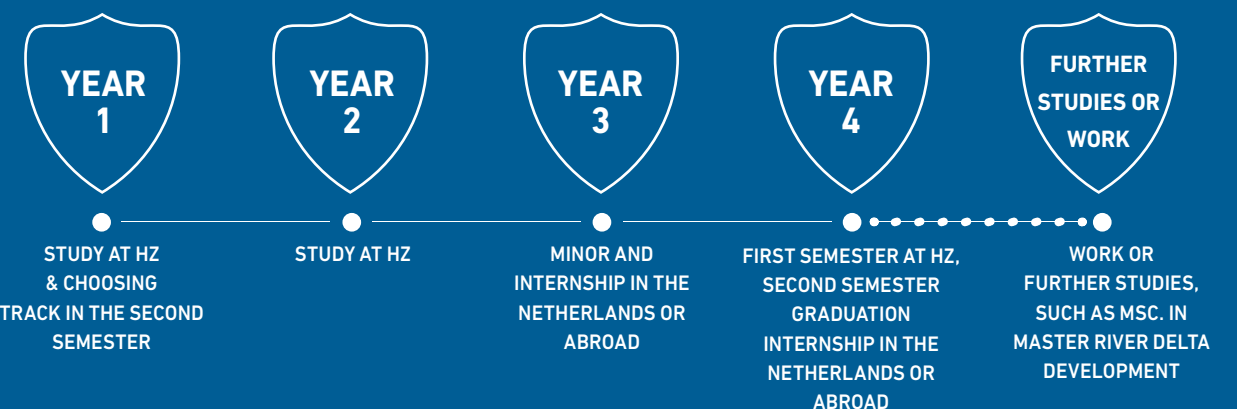
## 'HELPING COMPANIES TO 100% RE-USE WATER'

'I am doing my internship at Dow Chemical, one of the biggest chemical companies in the world. I am working on a pilot project for waste water treatment. The EU committee invested 4.6 million to help chemical companies achieve their goal of a 100% water re-use. One of my lecturers is the project manager of this project. In fact, many Water Management lecturers are conducting research next to being a teacher. As a student, it is very convenient to join these projects.'

Han Cao from China



## TIMELINE



## 'LOVED THE DRAWING PART OF THE COURSE'

'I was attracted to the Water Management Programme, because it combines ecology, science, planning and governance. The Netherlands seemed the right place to study this subject, since there are a lot of experts from the field. I consider myself a dynamic, organized and diligent person, so I like to apply my skills in projects, which I do a lot in this programme. Spatial Planning and Design was the right choice for me.

I absolutely loved the drawing part of the course. I learned a lot of new techniques and important details to apply forward. Now I can visualize my drawing in the software SketchUp.'

Paula from Latvia



# CIVIL ENGINEERING

**CHECK!**  
[hz.nl/civilengineering](https://hz.nl/civilengineering)  
 for the full programme



## BACHELOR



BACHELOR  
OF SCIENCE



3 OR 4 YEARS



ENGLISH



MIDDELBURG



TUITION FEES AND  
ADDITIONAL COSTS  
OF MAXIMUM  
€300,- PER YEAR

## PROGRAMME

Worldwide civil engineers work on all kinds of projects, big and small. Think of the Hoover Dam in the U.S., the Storm Surge Barrier in The Netherlands or the First Penang Bridge in Malaysia. There are three main fields of study in Civil Engineering: water, infrastructure and construction. During your studies you learn how to design sustainable constructions, to come up with innovative infrastructural solutions and to protect both people and nature against flooding, with technical solutions like flood defense, sewerage systems and coastal reinforcement. Due to your expertise as a civil engineer, humanity will be able to continue living safely around the world.

YEAR  
1

You explore the world of civil engineering and contractors through theoretical knowledge, real-life assignments, fieldwork, projects and site visits. You study existing structures, such as bridges and how structures behave under different loads. You focus on topics, such as construction materials, hydrology, mathematics and mechanics.

YEAR  
2

You focus on themes, such as channels, polders, bridges, coastal defence structures and roads. You learn how to design a road track and its supporting infrastructure. Furthermore, you learn how to manage construction projects, including the technical, financial and environmental aspects.

YEAR  
3

- **(international) Internship**  
You gain work experience at a civil engineering company (as a contractor).
- **(international) Minor**  
You broaden your knowledge by choosing a programme in The Netherlands or abroad to specialize in.

YEAR  
4

You further develop your skills and expand your knowledge with interdisciplinary and international projects and you choose a specialisation. In the second semester you complete your bachelor degree with a thesis at a Dutch or foreign organization.

## SPECIALISATIONS

In year 4 you can specialize in either Structural Engineering or Hydraulic Engineering. You apply your knowledge in real-life projects.

### • Structural Engineering

During this track you specialize in designing and calculating civil constructions. You study structural engineering challenges as bridges, tunnels, and harbour facilities.

### • Hydraulic Engineering

You focus on finding solutions for hydraulic challenges in rural and urban areas worldwide, for example to protect areas in the future against flooding.

## THREE-YEAR TRACK

If you are looking for a study challenge, the three-year track might be something for you. In order to enter this track you have to be highly motivated and qualified for an intensive and challenging programme.

## FURTHER STUDIES

You can continue your studies at HZ by choosing the master's degree programme River Delta Development. If you choose the three-year

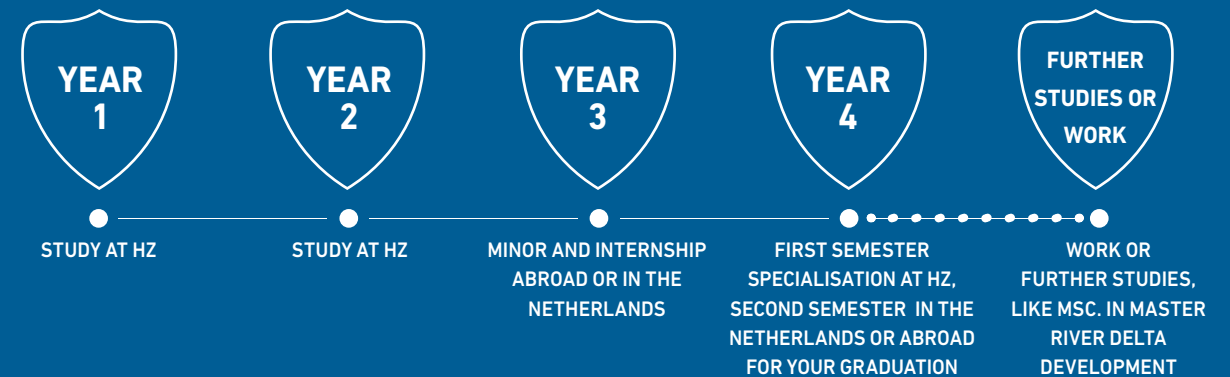
## CAREER PROSPECTS

Our graduates have secured positions in various engineering consultancies, such as Royal HaskoningDHV, Boskalis, Sweco and Arup, as:

- Project engineer
- Designers
- Different engineering functions
- Contractors

track you could have your bachelor and master degree diploma in 4,5 years' time or if you choose the regular track it will be in 5,5 years.

## TIMELINE



## 'I MOSTLY ENJOYED THE PRACTICAL COMPONENT OF MY STUDIES'

'After graduating at HZ I started working at Van Oord Dredging and Marine Contractors as an estimator. I am involved in the tender process for offshore windfarms. I am responsible for evaluating different installation methods based on their feasibility and costs and preparing the cost estimate for the client. My studies at HZ prepared me for this as I was already used to working in an international environment and was faced with various projects where trade-offs and project proposals had to be completed. I mostly enjoyed the practical component of my studies – as students, we were presented with various real-life problems and had to come up with sustainable solutions, which really made the transition between working and studying less difficult.'

**Sandra Rangelova from Bulgaria**



# RIVER DELTA DEVELOPMENT (MSC.)

**CHECK!**  
[hz.nl/rdd](https://hz.nl/rdd)  
for the full programme

## MASTER



MASTER OF  
SCIENCE (MSC.)



1.5 YEARS



ENGLISH



MIDDELBURG/  
VELP/ROTTERDAM

River Delta Development is a unique master of science degree programme that focuses on the most challenging, ecological topics the world is faced with, within delta areas. Everywhere in the world, urbanisation and climate change are encroaching upon these fertile, ecologically valuable regions. The challenge is to decrease the vulnerability of river deltas while simultaneously increasing the opportunities for healthy economic and ecological development. Versatile delta professionals are required, who not only have knowledge of river delta systems (coast, fluvial and urban), but also possess the necessary research and communication skills to make meaningful contributions to the environment.

## LIVING LABS

Worldwide, we face several challenges, like large scale urbanization, sea-level rise, extreme drought, climate change and large scale pollution. Each of these global challenges need a local solution. During the programme, you carry out fieldwork (on average three days a week), where you become a part of the solution in our Living Labs. Living Labs are research and learning environments where professionals, researchers and students do fieldwork together. Examples of Living Labs are:

- **Coastal Defense (South West Netherlands)**  
The danger of flooding is an urgent (and ongoing) challenge that needs constant attention. One of the topics in our Living Lab is coastal defense by oyster reefs. A sustainable and ecofriendly solution to keep the coast from flooding.
- **Risk of inland flooding (Eastern Netherlands)**  
How can we mitigate the risk of inland flooding? One of the solutions is the project 'room for the rivers', where measures are taken for over 30 locations to give the river space to flood safely. Moreover, the measures are designed in such a way that they improve the quality of the immediate surroundings.
- **Tidal Parc (Rotterdam)**  
The challenge in this example is stretches from increasing biodiversity to increasing flood resilience and its public awareness. The solution is a tidal park where all challenges are met and a base is created for urban development to create a new significant public space for the city.

## THEMES

### Introduction

We start with an extensive introduction in which we fully prepare you for the three semesters ahead. You will get to know your fellow students, lecturers, and professors and delve into the delta during a one-week field trip.

#### SEMESTER 1

- Insight into coastal systems: coastal defense, building with nature and water technology
- Research in Living Labs
- Assessment of your own research in relation to the delta as a whole and the issues in that environment

#### SEMESTER 2

- Insight into fluvial systems: water safety approach and water governance
- Research in Living Labs
- Assessment of your own research in relation to the delta as a whole and the issues in that environment

#### SEMESTER 3

- Insight into urban systems: water sensitive cities and sustainable port development
- Research in Living Labs
- Assessment of your own research in relation to the delta as a whole and the issues in that environment
- Graduation phase in Rotterdam

## CAREER OPPORTUNITIES

Compared to a bachelor degree programme this master programme increases your knowledge and improves your career opportunities. You develop the right skills and tools to work on more complex issues. Upon graduation your career prospects will be varied and covering a wide range:

- Consultant (senior)
- Hydrologist
- Project leader (senior)
- Researcher, manager or planning (senior)

## TIMELINE



INTRO  
SEPT 2019

INTRODUCTION  
(1 MONTH)  
MIDDELBURG



SEPT2019-  
FEB 2020

SEMESTER 1  
(17 WEEKS)  
MIDDELBURG  
COASTAL AREAS



MARCH 2019-  
AUG 2020

SEMESTER 2  
(17 WEEKS)  
VELP  
FLUVIAL SYSTEMS



SEPT 2020-  
JAN 2021

SEMESTER 3  
(17 WEEKS)  
ROTTERDAM  
URBAN WATER



FEB 2021

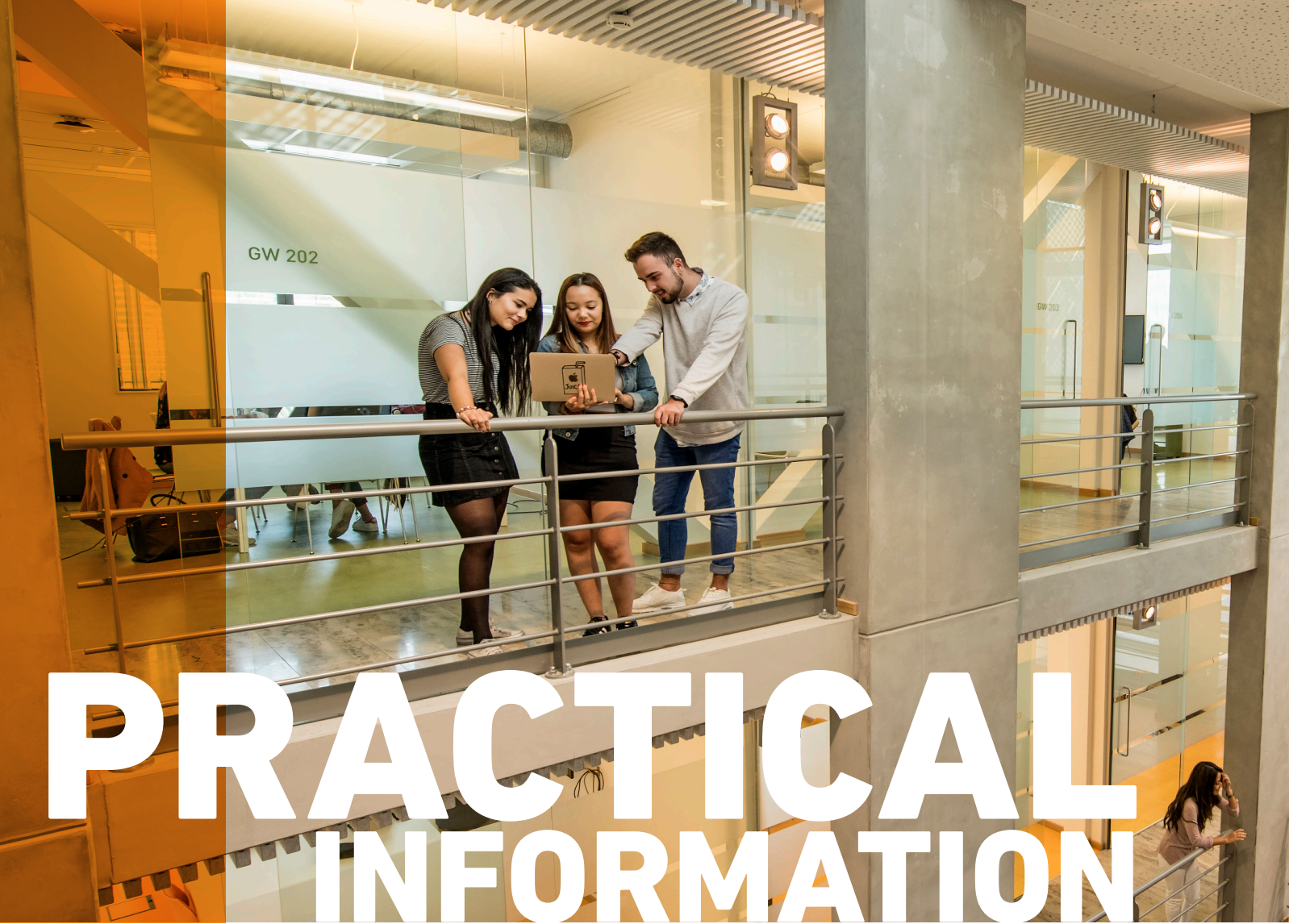
FINAL PHASE  
(3 WEEKS)  
ROTTERDAM

## FUTURE PERSPECTIVE RIVER DELTA DEVELOPMENT

River Delta Development is developed in close cooperation with the working field. Governmental institutions as well as consultancies are clear about their needs: professionals who are equipped with a strong set of analytical, technical and reflective skills to keep delta areas worldwide safe and sustainable. The world is in transition, due to changes in climate, energy, circular economy and needs professionals that can facilitate these changes. In delta areas many issues come together and are enhanced by the high population density and vulnerable location. This requires educated and passionate people who can flourish in (international) firms and organisations in delta areas worldwide.







# PRACTICAL INFORMATION

You are about to leave for the Netherlands to study at HZ and this will surely be one of the most exciting and formative experiences of your life! To assist in your preparations we give you some important practical information on insurance, the visa procedure and the introduction week, which we would recommend you to read thoroughly.

## STUDENT ACCOMMODATION

HZ has partnered housing companies APV and Villex to make it easier for students to find a place to live in Middelburg or Vlissingen. Once you have registered at HZ, you can start booking a room.

Both housing corporations work closely with (local) businesses, city councils, HZ and residents. They have a communal focus to ensure and optimize your stay in accommodation to a professional, safe and pleasurable experience.

They have hundreds of rooms and studios in Vlissingen and Middelburg. Their databases vary from small to large rooms and from unfurnished to furnished. You can let them know your preferences and wishes regarding accommodation. Prices range from €300,- per month all in.

We advise you to look for accommodation in both Middelburg and Vlissingen. It is wise to register online as soon as possible at [www.hz.nl/housing](http://www.hz.nl/housing).

## INSURANCE

Everyone in the Netherlands must have an insurance for medical expenses. As a foreign student you might need to take out a health care insurance and a third-party liability insurance. Also make sure you have a travel insurance.

- As a non-EU student, you have to take out a health insurance and a third-party liability insurance in the Netherlands.
- EU-students are not obliged to have a Dutch public health care insurance if you are already insured in your home country. Your insurance company can provide you with the European Health Insurance Card. Before you leave, we would advise you to check with your insurance company whether everything is covered for your study abroad.

### IMPORTANT

Note that as soon as you have a part-time job next to your studies or do a paid internship, you have to take out a Dutch public healthcare insurance.

## VISA

Whether or not you need a visa depends on your nationality. As an EU-student you don't need a visa. The same applies to you if you hold the nationality of one of the following countries: Switzerland, USA, Canada, Australia, New-Zealand, South-Korea or Japan- you do not need a visa. The HZ student office will apply for this document on your behalf after having completed the application process. Students receive a residence permit for the entire period of their studies (with a maximum of 5 years).

## REGISTRATION WITH TOWN HALL

All foreign students staying in the Netherlands for a period longer than four months have to register with the municipal register (gemeentelijke basisadministratie) of the Dutch town where they are living.

## OVERVIEW OF THE YEARLY STUDY COSTS

In order to be able to study in the Netherlands it is important to make sure that you have sufficient financial means to support you throughout your entire study programme. The cost of living in the Netherlands is comparable to other western European countries, which means that per year of study you will need:

2019/2020	Tuition fees	Scholarship	Visa + fees	Food+ personal expenses	Excursions	Books	Housing	Insurance
EU-students	€2083/year*	No		€0-€300/month	€0-€350/year	€300-€600/year	€300-€450/month	+/- €40/monthly
Non-EU students	€7750/year	Holland Scholarship (on basis of applying)	€171	€0-€300/month	€0-€350/year	€300-€600/year	€300-€450/month	+/- €40/monthly

€10,750 cost of living for non-EU students\*\*

See  
[www.hz.nl/finances](http://www.hz.nl/finances)  
for more  
information

## TUITION FEES & LIVING COSTS

### \*TUITION FEES

EU-students and students with a Norwegian, Swiss, Icelandic, Liechtenstein or Suriname nationality are entitled to a 50% reduction on Dutch tuition fees for the first study year. The halving applies to all students who, for the first time, start a bachelor's degree (or associate degree) at a funded university of applied sciences or research university in the Netherlands and pay statutory tuition fees. Students who pay institutional tuition fees are not entitled to the halving of the tuition fees.

The tuition fees are set yearly. The tuition fees as stated in the table above apply to the study year 2019-2020. See [www.hz.nl/finances](http://www.hz.nl/finances) for the current tuition fees.

### \*\*COST OF LIVING NON-EU STUDENTS

You are requested to transfer €10.750 in addition to the tuition fees to cover the cost of living as specified above. Non-EU students will receive an invoice from HZ before starting. The invoice will include the required amount for 'living expenses' of €10.750 and the tuition fees of €7.750 (bachelor degree) or €12.000 (master degree). This proof of sufficient means is required by the Dutch immigration services. Once you have arrived in The Netherlands and have opened a Dutch bank account HZ will transfer the amount of €10.750 back to your account (if necessary, the cost of accommodation will be deducted if you choose this option and rented a room with housing corporations APV and Villex).



## QUESTIONS?

[hz.nl/en/ambassadors](https://hz.nl/en/ambassadors)  
and chat with  
one of our students

# CAMPUS LIFE

### STUDENT EXPERIENCE MIHAELA VLISSINGEN

## 'MY HOME AWAY FROM HOME: VLISSINGEN'

'My home away from home! This is how we, the international students, call Vlissingen, a small town on the South coast of Holland, a peaceful place where you can do your studies and have fun at the same time. We are all like one big family. The international environment is amazing, a great mix of different nationalities, joined for only one reason: HZ.

Personally, I think the biggest advantage for students that chose Vlissingen and our university, is the accommodation provided by APV. APV is not just housing. It is a family spirit, caring staff and, of course, accommodation for every taste and preference. The procedure for finding the perfect room is very easy – you just register on their website and in just a matter of days you have found your new 'home'. The location of the campus is very convenient, 5 minutes away from the city centre, from HZ and the beach, which, by the way, is one of the biggest perks living in Vlissingen. The diversity of activities in the town is extensive. Most of them are organised by students. For instance, beach clean-up for the people that are interested in sustainability, yoga classes for those that want to be in shape and parties every week for the dance lovers. If you are seeking new adventures and want to explore more, cities like Brussels, Amsterdam and Rotterdam are only a few hours away.

If you want to live in a pretty, small town on the beach and have one big international family, then HZ University of Applied Sciences is the right choice!

## 'MIDDELBURG: A VIBRANT AND CHARMING CITY'

Going to university is more than just getting a degree. It is about leaving home and entering the world. Finding out who you are, what you can contribute and how best to do it. It is about friendships, teamwork, personal development and shared accomplishments. Relaxing and having fun in between all the hard work. Feeling at home and finding your place in this world. Read all about what it is like to study and live in Middelburg and Vlissingen.

'Middelburg is a vibrant, charming and interesting city with a lot of space for personal development. Being the provincial capital of Zeeland, the city combines the convivial lifestyle of a big city with a small-scale environment. These unique circumstances offer students lots of choices in areas such as sports, entertainment, culture and nightlife.

Coming from a metropolis such as Mexico City, I originally had concerns about the size and opportunities that Middelburg could offer versus those at home; however, after experiencing a year in this city, my opinion has changed. I became aware that the decrease of distractions due to the smaller size of the city allowed me to focus on both personal and professional development. I am able to balance my academic commitment with enjoying time with friends at the local pubs. The centric design of Middelburg makes the city centre a 5 to 10-minute walk from any student housing in the city, allowing students to meet up and enjoy a drink and unwind after a school or workday. Student housing is also very easy to find with varying choices that fulfil different interests. For example, you can find a room in a shared student campus with another local university or stay in smaller student houses with your own studio. Based on my experience, I would say that Middelburg is an ideal location for someone who wants to pursue a professional career in a technical field of choice in combination with a fun-filled student life.'

### STUDENT EXPERIENCE ALEXANDER MIDDELBURG





# ADMISSION REQUIREMENTS

There are two types of admission requirements: the general requirements and the additional requirements.

1. General requirements:

To see if you would be admissible, check the list of foreign diplomas on our website: [www.hz.nl/requirements](http://www.hz.nl/requirements).

2. Additional requirements:

Depending on your chosen programme, you may need to meet additional requirements. Check [www.hz.nl/requirements](http://www.hz.nl/requirements) for additional requirements.

### ENGLISH LANGUAGE REQUIREMENT

As an international student from a non-English speaking country, you need an official English language certificate, showing you have a sufficient command of written and spoken English. Your level of English needs to have an equivalent of the IELTS score of 6.0. For exemptions to this language requirement, see [www.hz.nl/requirements](http://www.hz.nl/requirements).

IELTS, TOEFL, TOEIC and Cambridge English grades & scale					
IELTS	TOEFL Paper	TOEFL Internet	TOEIC2		Cambridge English grades and scale
			Listening and Reading	Speaking and Writing	
7.5	625	113	790	400	Advanced (CAE) - Grade B (scale 194-199) Advanced (CAE) - Grade C (scale 191-193)
7.0	600	100	780	350	First (FCE) - Grade A (scale 185 and above) Advanced (CAE) - Grade C (scale 185 and above)
6.5	575	90	720	310	Advanced (CAE) - Grade C (scale 180-184) First (FCE) - Grade A (scale 180-184) First (FCE) - Grade B (scale 176-179)
6.0	550	80	670	290	First (FCE) - Grade B (scale 173-175) First (FCE) - Grade C (scale 169-172)
5.5	525	70	620	260	First (FCE) - Grade C (scale 162-168)

CHECK THE LIST OF ADMISSIBLE DIPLOMAS ON [WWW.HZ.NL/REQUIREMENTS](http://WWW.HZ.NL/REQUIREMENTS)

# HOW TO APPLY

### APPLICATION PROCEDURE

The application procedure consists of the following three steps:

1. Apply via [www.studielink.nl](http://www.studielink.nl), the online Dutch application system for higher education

- Click on the British flag to get to the English page.
- Apply for a username and password so you can register.
- Log in with your new username and password and apply for one of HZ's programmes.

2. Submit the required information to HZ's International Application System

Once you have applied via Studielink, HZ will send you an e-mail with a link to the HZ International Student Application System. Here you can complete your application by attaching the required documents to your file and submit.

3. Conditional Letter of Acceptance

If your application file is complete, we will inform you about your acceptance within 5 (working) days. You will receive a letter of acceptance, if your documents meet the admission requirements. Notice that it will take longer than 5 days if we need to forward your documents to the Dutch ENIC/NARIC and/or programme coordinator. This is usually the case when your diploma is not mentioned on the list of admissible diplomas and/or if the subjects on your transcript do not match with the additional admission requirements of the chosen study programme.

### START OF THE APPLICATION PROCEDURE

The application procedure opens in October. If you have not yet graduated, you can already apply. We will then inform you on your admission based on your last transcript of records.

### DEADLINES

We advise you to apply for our Master or Bachelor programmes before:

- EU-students: 1 August
- Non-EU students (bachelor degree programmes): 15 June
- Non-EU students (master degree programme): 1 June

If you have any questions regarding the application procedure, tuition fees or visa requests, please contact [csa@hz.nl](mailto:csa@hz.nl)



# CONTACT



## Location Vlissingen

Edisonweg 4  
4382 NW Vlissingen  
PO Box 364  
4380 AJ Vlissingen  
The Netherlands

## Location Middelburg

Het Groene Woud 1-3  
4331 NB Middelburg  
PO Box 364  
4380 AJ Vlissingen  
The Netherlands

Telephone +31 118 - 489 000

## Email:

- study@hz.nl for general questions
- csa@hz.nl for questions on the application procedure

www.hz.nl/en

www.facebook.com/hzuniversityofappliedsciences

Facebook group: HZ prospective students

Skype: hzuniversity

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## Photography:

Mechteld Janssen, Edwin Paree, Wim Kosten and HZ

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## 'A BEAUTIFUL EXPERIENCE'

'Studying abroad is a beautiful experience both for learning new languages, but also for getting to know new friends: international students from all over the world! Student life does not only take place inside the university, but we also go out with our new friends and experience other, different cultures.'

**GIULIA  
FROM  
ITALY**

# VISIT US

"JOIN IN OUR FACEBOOK GROUP FOR 'HZ PROSPECTIVE STUDENTS'. YOU CAN MEET OUR STUDENT AMBASSADORS AND YOUR FUTURE FELLOW STUDENTS"

## OPEN DAYS

Considering a study abroad is a big decision. That is why we organise Open Days to inform you on the study content, show you around and give you the opportunity to meet HZ students. In the academic year 2019-2020 the Open Days are scheduled on:

- **SATURDAY 23 NOVEMBER 2019**  
from 09:30 a.m. to 2:30 p.m.
- **SATURDAY 1 FEBRUARY 2020**  
from 09:30 a.m. to 2:30 p.m.
- **SATURDAY 4 APRIL 2020**  
from 09:30 a.m. to 2:30 p.m.
- **FRIDAY 26 JUNE 2020**  
from 12:00 noon. to 4:00 p.m.

## MEET US IN YOUR COUNTRY

Our International Relations Coordinators may also be visiting an educational fair in your country. For all dates of our international visits see our website: [www.hz.nl/en](http://www.hz.nl/en).


## BE A STUDENT FOR A DAY

Visit us at any time convenient for you and experience what it's like to be a student at HZ. There is no better way to get to know us than joining the classes within your study interest and get an impression of how the lectures are conducted and also interact with students from all different walks of life and nationalities. For more information, please send an email to [study@hz.nl](mailto:study@hz.nl).

## MEET OUR STUDENTS

If you cannot make it to one of the events, you can meet our student ambassadors and ask them questions in our private Facebook group 'HZ prospective students'. Here you can also meet other prospective students. HZ staff will also be present to answer your questions. You can also contact our students through [www.hz.nl/en/ambassadors](http://www.hz.nl/en/ambassadors). A fantastic way to prepare for your new student life.

## FOLLOW US

 @hzuniversityofappliedsciences and become a member of our Facebook group 'HZ prospective students'

 @hzuniversityofappliedsciences

 @hzuniversityofappliedsciences

 @hzuniversityofappliedsciences



STUDENT INTERNATIONAL BUSINESS

**RALUCA**

FROM ROMANIA

*"AT HZ I GAIN  
WORK EXPERIENCE  
WHILE STUDYING"*

READ RALUCA'S ENTIRE STORY ON  
[WWW.HZ.NL/RALUCA](http://WWW.HZ.NL/RALUCA)

*DISCOVER YOUR* **YOUR**



**UNIVERSITY**  
.....  
OF APPLIED SCIENCES

WHERE STUDENTS MATTER