International Degree Courses 2015 - 2016

BUSINESS & MANAGEMENT
Bachelors
- Communication
- Finance and Control
- International Business and Management Studies
- Logistics Management (Economics)
Masters
- International Business

SCIENCE & ENGINEERING
Bachelors
- Automotive Engineering
- Life Sciences
Masters
- Automotive Systems
- Control Systems Engineering
- Molecular Life Sciences
Got your sights set on an international career?

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This is HAN University of Applied Sciences in the Netherlands. Welcome!

Inspiring environment. Innovative and skilled professional staff. International student body. These are just some of the ingredients that make up HAN University of Applied Sciences in the Netherlands. We make it our business to offer higher education of an outstanding quality to students across the globe. It is our goal to prepare each of our students to meet the unique challenges found in today's working world. Our skilled professionals accomplish this by combining practical education methods with specialized, internationally focused teaching.

One of the key benefits of our courses is that we fully support our students' development, knowledge and expertise by offering them a global perspective. Our approach is to weave international business practices into our teaching activities. That is why we attract international staff and students to our university, making our campuses truly diverse environments.

Located in the historic eastern Dutch cities of Arnhem and Nijmegen, the HAN University of Applied Sciences campuses offer outstanding professional courses to over 30,000 students. In fact, review committees have recently ranked our institution as the best in the category large Dutch universities of applied sciences. And HAN has even been ranked top provider of Masters courses in the Netherlands. What makes our education so unique? Our courses combine a solid theoretical basis with practical application in the field. This works in two ways: our young Bachelors degree students are well positioned to enter the job market as soon as they graduate and our experienced Masters degree professionals benefit from the broad networks and specialist expertise of our lecturers.

All courses at HAN University of Applied Sciences are accredited by the Dutch Ministry of Education and the Accreditation Organisation of the Netherlands and Flanders (NVAO).

STUDY & THE NETHERLANDS
Whether you call it Holland or the Netherlands, it is the chosen study destination for around 81,700 foreign students per year. The cultural diversity represented by more than 190 nationalities, makes Holland the perfect place for exchange of knowledge, ideas and cultures. Always with an open and direct manner of acting and speaking, the majority of Dutch people also speak English along with another foreign language, like German or French. So it is really easy to live in the Netherlands as a speaker of English, and you do not have to learn Dutch in order to study here. Foreign students and higher-education communities will not escape the Dutch tolerance and welcoming society, as they are engrained in the Dutch mentality and the rich international history.

A strong and stable economy, along with excellence in innovation describe the internationally oriented country. Holland is the sixteenth largest economy in the world and has a leading position in the export market for such a small country. There is thus little doubt why economics studies is the most popular subject area for foreign students with 20,183 students enrolled in 2011 alone.

Being at the forefront of innovations in technology comes natural to the Dutch. Around 8,149 foreign students came to Holland in 2011 to benefit from the Dutch innovative spirit and the highly specialized know-how in science and engineering.
FIELDS OF STUDY
HAN University of Applied Sciences offers just about every type of professional course in any number of fields: Education, Social Studies, Commerce, Communication, Business Administration, Law, Economics, Engineering, Built Environment, Applied Sciences, IT and Communication, Health, Nursing, and Sport and Exercise. Students can choose from a total of 63 Bachelors courses, numerous exchange courses and 20 Masters courses.

This brochure is dedicated to explaining about our six Bachelors and four Masters courses that are taught in English.

EDUCATION SYSTEM
Known for its high quality education and research, along with its international study environments, the Netherlands has two main types of higher education institutions: research universities and universities of applied sciences. What is the difference? Research universities focus solely on the independent practice of research-oriented work in an academic or professional setting. Universities of applied sciences offer their students professional courses in the areas of applied arts and sciences. Research is also carried out at universities of applied sciences, but it is always practice-based and aimed at renewing professional practice. It is also directly integrated into the study programmes.

At Dutch universities of applied sciences, students work in small groups in addition to attending lectures. At HAN, we ensure that our lectures and projects leave room for personal attention and student development. An interactive and student-centred teaching style gives students the needed guidance as well as the freedom to develop professionally. A teaching staff with accomplished international careers offers students the best of both worlds when it comes to theory and practice. It is also in the name of development that we offer work placements in the Netherlands and abroad, as well as practice-based assignments as part of our curriculum. This gives our students the opportunity to gain practical work experience in their chosen field. Experience that will strengthen their CV and help them get started or develop further in their career of choice.

At HAN University of Applied Sciences, the starting point of our education is the integration of theory and professional practice. We strive to let our students tackle concrete problems and opportunities facing the workplace today using the latest theoretical insights. Professional tasks therefore play a crucial role: students continually work on case studies taken from professional practice. During the work placement students are given the ultimate challenge of putting their theoretical knowledge into practice by solving real problems in real working environments. Problem solving is therefore a key focus in curriculum development at HAN. Professionals from industry and the business world also contribute to curriculum development at HAN, ensuring that the courses are up to date and relevant. By tailoring the courses to industry requirements, students have a clear edge in the career market. Applied research also plays an important role in the study programmes at HAN. Insights and research products developed within HAN’s six research centres flow back into the professional field and education. This means that students have access to the latest insights and can even get hands-on experience in cutting-edge research!
HAN University of Applied Sciences is partnered with more than 90 institutions around the world. Where would you like to study during your semester abroad?

**The Dutch education system**

Most Masters degrees offered by research universities require completion of 60-90 credits. Those in engineering, mathematics, natural sciences, and agriculture require 120 credits, in pharmacy, dentistry, medicine and veterinary medicine 180 credits. Some research universities offer 2-year professional doctorate programmes in engineering (PDEng). Most Masters degrees offered by universities of applied sciences require completion of between 60 and 120 credits. Programmes in architecture, urban planning and landscape architecture require completion of 240 credits.

A solid arrow (→) indicates a right to access. A dotted arrow (---→) indicates that some form of selection or bridging requirement may be applied.
If English is not your native language, HAN’s English Intensive Course (EIC) will prove to be an asset when following an international Bachelors or Masters course at HAN University of Applied Sciences. This course will help you greatly improve your English and, along the way, familiarise yourself with the Dutch culture and educational system.

Many foreign students are interested in studying in the Netherlands. But despite great motivation and determination, weak language skills can make it difficult for non-native English speakers to complete their studies and obtain a degree.

Attending the English Intensive Course (EIC) before beginning a Bachelors or Masters course at HAN University of Applied Sciences will greatly increase your chances of earning a degree in the Netherlands. The EIC prepares you for your 1st year by helping you strengthen your English language skills and knowledge of Dutch culture. It also assists you in developing your study and interpersonal skills. This also makes it easier for you to form relationships with fellow Dutch students or other foreign students, find your way around the university and get used to your new surroundings. Subjects included in the course focus on each language skill (reading, writing, speaking, listening), grammar, Dutch culture and study skills.

You will also receive individual coaching by one of our lecturers and you can also get support from a senior student via the buddy system.

The EIC is offered each year in February and September for one semester or for one full academic year. You will need to have a secondary school certificate and an IELTS score of at least 5.5 (1 semester course) or 5.0 (1 year course) on all parts of the test. You will pass the course if you have reached a level comparable to C1 of the European Framework (IELTS 6 or higher).

For more information, please go to www.han.nl/EIC
HAN is made up of four faculties that are divided between the Arnhem and Nijmegen campuses. HAN’s international Bachelors and Masters degree courses are organized from within various prominent schools and institutes, including Arnhem Business School and the Faculty of Engineering.

The Bachelors degree courses are 4-year, full-time, professionally-oriented courses where work placement is compulsory. The main component of the course is called the major. Next to the work placement and the major you will be free to broaden your interests and skills by also choosing a minor. In general, it takes 1 semester to finish a minor. The HAN Bachelors degree delivers its graduates high-powered credentials and marketable skills upon entering the global career market.

**ARNHEM BUSINESS SCHOOL**

Arnhem Business School (ABS) is the internationally renowned business school within HAN University of Applied Sciences. It offers four English-taught Bachelors courses: International Business and Management Studies, Logistics Management (Economics), Communication, and Finance and Control.

ABS provides high-quality, challenging and engaging education that follows the latest trends in the business world. Student needs, the work field and society are at the core of the education provided at ABS. With around 1,000 students from 60 different countries, ABS’s main objective is to build on the international business studies and future employment opportunities of its students. ABS has an excellent international positioning. This comes from our large staff of lecturers with an international, successful professional background and our strong relationships with many well-known foreign companies and institutes of higher education. ABS students and staff also benefit from the school’s collaboration with around 90 partner universities all over the world.

**FACULTY OF ENGINEERING**

HAN’s Faculty of Engineering offers two English-taught Bachelors courses: Automotive Engineering at HAN’s renowned Automotive Institute, and Life Sciences at HAN’s Institute of Applied Sciences.

With more than 60 years of experience, the Faculty of Engineering provides its students with excellent facilities including modern laboratories and equipment, along with professional lecturers. The practical parts of the courses are reinforced through laboratory work as well as through research done in cooperation with international and multinational companies. These specialized courses have paved the way for students to reach the absolute top in innovation, such as Oxford, Harvard or the Dakar Rally. An advanced degree in these fields translates in a highly meaningful and lucrative career.
WHAT YOU CAN EXPECT

HAN’s 4-year full-time Bachelors course in Automotive Engineering will prepare you to develop and test complete vehicles. This will include passenger cars as well as commercial vehicles. Throughout this course, you will focus on learning how to perform complex professional tasks to ensure that you will become a highly skilled and independent professional. You will also learn how to effectively work with people from different cultures and backgrounds. An asset that will help prepare you for a successful international career in the automotive industry.

Our Automotive Engineering course offers a sound technical basis in mechanical, electrical and electronic engineering as well as computation skills and construction principles. Not only will you learn the ins and outs of the automotive world, you will also gain solid footing in marketing, management and business economics. And this is something that international automotive employers look for: engineers who can combine technology with good business sense.

On successful completion of the Automotive Engineering course, you will obtain an internationally recognised Bachelor of Engineering degree. When you receive your Bachelors in Automotive Engineering from HAN, you will discover that your skills are in high demand. Around 90% of our graduates find a job in the industry within the first three months.

PUTTING YOUR KNOWLEDGE TO WORK

In your 3rd year, you will also take on a 6-month work placement. Preferably within a company outside the Netherlands. During your placement, you will learn firsthand about the field of automotive engineering. Not to mention the valuable practical and social experience you will gain. You can do your work placement at a car manufacturer or a supplier of car parts, for example. Or, perhaps an engineering or testing company would be a good match for you. How does BMW, Audi, Mitsubishi, DAF or Porsche sound? We will help you get a work placement position that suits you!

MINOR

Part of your 4th and final year is the minor. This 6-month elective programme enables you to deepen or broaden your knowledge. If you prefer to stay in the Netherlands, HAN offers two interesting programmes entitled Light Weight Vehicle Design and Vehicle Electronics. But if gaining more international experience is what you are looking for, you can study at a foreign institute or university. And if you already have plans to continue

FACTS

<table>
<thead>
<tr>
<th>Location</th>
<th>Arnhem</th>
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</thead>
<tbody>
<tr>
<td>Duration</td>
<td>4 years</td>
</tr>
<tr>
<td>ECTS Credits</td>
<td>240</td>
</tr>
<tr>
<td>Degree</td>
<td>Bachelor of Engineering</td>
</tr>
</tbody>
</table>
with a Masters degree, you can follow a bridging programme. This prepares you for Masters level studies and enables you to obtain your Masters degree at HAN within one year.

### THE FINAL STEP
Your graduation assignment is the final evaluation of the knowledge and skills you have acquired during the Automotive Engineering course. Your final step as a Bachelors student. Whether you focus on Development Engineering or testing, you will independently complete an assignment. Once you have done the groundwork, you will be expected to present your findings and solutions in a full report. You may carry out your assignment at an international automobile company of your choice.

### CAREER PROSPECTS

#### Vehicle Development Engineer
Develops cars or parts of cars or trucks and trailers. From the development of a schedule of requirements to the strength and strain calculations, a vehicle development engineer performs the process of development in close cooperation with design engineers and test engineers.

#### Engine Development Engineer
Develops engines or parts of engines or drivelines. From the development of a schedule of requirements to the strength and strain calculations, an engine development engineer performs the process of development in close cooperation with design engineers and test engineers.

#### Vehicle or Engine Test Engineer
Develops, arranges and performs a range of different vehicle/engine tests, from full vehicle/engine tests to testing parts of cars or engines. The tests can be performance tests or life cycle tests. Vehicle/engine test engineers work for car and/or engine manufacturers or for the supply industry.

### COURSE OVERVIEW

<table>
<thead>
<tr>
<th>YEAR</th>
<th>SUBJECTS</th>
</tr>
</thead>
</table>
| 1    | • Introduction to Automotive Technology  
      • Mathematics  
      • Mechanics  
      • Vehicle Dynamics  
      • Engine Technology  
      • Electronic and Embedded Systems  
      • Communication Skills  
      • Commerce and Marketing  
      • On-board Diagnosis  |
| 2    | • Control Systems Engineering  
      • Electrical Systems  
      • Materials Science  
      • Mechanics  
      • Dynamics  
      • Strength of Materials  
      • Production  
      • Combustion Engines & Practical Diesel  
      • Mathematics, Statistics & Statistics Practical  
      • Marketing and Communication  
      • EOBD Practical  
      • DC Motors Practical  
      • Practical LPG  |
| 3    | • Work Placement  
      • Graduation Stream Automotive Testing and Development  
      – Professional tasks of the automotive designer and the automotive test engineer  
      – Set up, carry out and report on investigations and formulate and quantify improvement proposals based on simulations  
      – Theoretical model-making and simulation, practical tests and a project are carried out  |
| 4    | • Minor (six months)  
      – Light Weight Vehicle Design or Vehicle Electronics at HAN University of Applied Science  
      • Graduation Assignment  
      – Choose another minor at HAN or at another institution  
      – Choose a bridging programme to prepare you for a Masters  
      • Graduation Assignment  
      – Investigation and its results are recorded in the graduation report  |

XU KE
Chinese student
“After I graduate, I want to bring the knowledge back to China. Nowadays a lot of young people leave the country to work abroad. Therefore, expertise in this field of technology is becoming rarer in China. So, I think it will be quite easy for me to get a job.”
WHAT YOU CAN EXPECT
Global competition is a modern reality affecting a number of companies today. One result of this is an ever increasing need for experts in the field of marketing and communication. During your studies, we will teach you all you need to know to become a competent specialist in the areas of business, marketing and corporate communications. Your training will not stop at learning how to effectively formulate a strategic communications plan and a market research plan. We will also help you build a solid foundation in the broader and more modern aspects of the profession including advertising, online media, design and public relations.

On successful completion of the Communication course, you will obtain a Bachelor of Communication.

PUTTING YOUR KNOWLEDGE TO WORK
Your semester of work placement will prove to be a great asset to your study as well as for your CV. Work placement gives you the unique opportunity to experience the Communication world firsthand. This is your time to apply what you have learned and gain new perspective in a real business setting. Learn about today’s different business practices. Find your way around in the fast-paced world of business. Adapt your own performance to a professional situation. Companies like Philips, Akzo Nobel, KLM, Saatchi&Saatchi rely on your input and want to contribute to your professional growth.

By working abroad, you will sharpen your communications skill set by becoming fluent in a different language, culture and habits. Learn how to tackle issues while standing on your own two feet and come out shining. As an Arnhem Business School Communication student, you can choose to complete your work placement at an agency (PR or advertising for instance), governmental institution, commercial company or non-profit organization.

FACTS
Location Arnhem
Duration 4 years
ECTS Credits 240
Degree Bachelor of Communication
THE FINAL STEP

Now that you have a tighter grasp on what it takes to succeed within the world of communication, it is time for the final step – your graduation assignment. During the second semester of your final year at Arnhem Business School, you will complete an in-house graduation assignment for a company. The graduation assignment takes place at an internationally oriented company, either within or outside the Netherlands. You will take on an advisory role in the area of communications policy and report your findings. Whether you advise on the strategic planning for a new website or become the middle point for branding, public relations or marketing & communication policy, you make the informed choice to set up your assignment and follow it through to the finish line. You may complete your assignment at an advertising or PR agency, governmental institution, non-profit organization or commercial company.

CAREER PROSPECTS

Marketing Communication Manager
Provides a broad range of communications and marketing support to the organization. Works collaboratively with internal and external parties to create and manage cross-organizational, integrated marketing communication strategies and campaigns.

Public Relations Manager
Uses all forms of media and communication to build, maintain and manage the reputation of organizations.

Brand Manager
The driving force behind the success of any brand or product. Develops, plans and implements marketing activities to increase the value of their brands.

Advertising Account Manager
Develops complete advertising programs for products or services starting from strategy, creative concept to choosing and managing media outlets.

THE FINAL STEP

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WHAT YOU CAN EXPECT
Finance and Control is a 4-year full-time Bachelors course that is geared toward getting you ready for a financial career in management positions. The course focuses on a number of specializations that are in high demand in today’s corporate world. These include international and corporate finance, accounting, business process-management, risk management, external reporting, business communication and taxes.

Throughout the Finance and Control course, you will have the opportunity to use your increasing knowledge in various team projects and assignments. Putting you on ever more solid ground in the areas of theoretical as well as practical business matters.

Once you have successfully completed the Finance and Control course, you will obtain a Bachelor of Economics degree.

PUTTING YOUR KNOWLEDGE TO WORK
During the 1st semester of the 3rd year you will do a work placement, which will give you the chance to work within a multinational company. Not only will you gain valuable practical experience, you will get to know and understand international business practices. Finance and Control students can look forward to completing their work placement at the financial departments of multinational companies or at wellknown financial institutions and business consultants. As an added bonus, a number of our business partners will compensate students during their placement.

STUDying INTERNATIONALLY
In your 2nd semester of this 3rd year of Finance and Control studies at Arnhem Business School, you will take what you have learned thus far and expand on it by studying abroad for a semester. Because Arnhem Business School is partnered with over 90 institutions across the globe, you can study almost anywhere in the world. Many of these institutions offer stimulating subjects in the field of Finance and Control, giving you a different perspective on international finance and making you more marketable after your studies.

THE FINAL STEP
During the second semester of your 4th year, you will embark on the final step of your course: your graduation assignment, which will again take place within a multinational company. Companies such as AkzoNobel, General Electric. KPMG, KLM, Mitsubishi, Rabobank and Siemens are just some of the companies in our portfolio. This will take place in an internationally operating company or organization. You will

FACTS
Location Arnhem
Duration 4 years
ECTS Credits 240
Degree Bachelor of Economics
 COURSE OVERVIEW

YEAR | SUBJECTS
--- | ---
1 | • Academic & Career Development  
   • Research  
   • Statistics  
   • Business Plan Project  
   • English  
   • Foreign Language: Dutch, Spanish, French or German  
   • Intercultural management  
   • Marketing  
   • Management & Organizational Behavior  
   • Finance  
   • Logistics  
   • Marketing Communication  
   • Operational Plan Project  
   • Business Communication  
   • International Business Ethics  
   • Economics  
   • Specific Modules for Finance and Control  
   – Finance  
   – Quantitative Methods for Business

2 | • Operational Control  
   • Control and Information Systems  
   • Accounting Information Systems  
   • Mathematical Skills  
   • Performance Management 1 & 2  
   – Project Management  
   – Research  
   – Business Skills  
   • Business Communication 3 & 4  
   • Tactical Control  
   • Manufacturing Process and ERP  
   • Financial Accounting and Taxes

3 | • Work Placement Abroad  
   • Study Abroad

4 | • Strategic Control  
   • Business Process Improvement and Redesign  
   • Advanced Financial Accounting  
   • Performance Management 3  
   – Project Management  
   – Research  
   • Graduation Assignment

put together an analysis in order to solve issues in areas such as accounting control, quality management, investment and capital budgeting, business process improvements or financial planning.

This is an individual graduation assignment that will be completed on a project basis. Many of our business partners will also compensate students during their Graduation assignment. They truly value your input!

CAREER PROSPECTS

Financial Manager
Uses long-range financial planning, statistical analysis, profit and loss statements and financial models to evaluate the health of a company and to determine the best path forward to ensure profitability.

Business Controller
Manages financial processes to meet or exceed budgeted profit for an organization. Develops and implements optimisation projects in order to improve systems and financial performance.

Business Consultant
Studies all the aspects of a business which are making a loss or stagnating and then make changes to ensure profits. Based on the thorough analysis of financial statements to strategies, the business consultant comes up with a profitable solution regardless of the business arena.

Bank Manager
Overlooks the running of an entire branch, or a number of small branches. Brings in new customers and boosts the bank’s profits, sets targets and ensures they are met, motivates and develops staff, deals with customer complaints, makes and analyses management information and reports.

STEFANIE PRUYS
German student
“It’s not like there are only finance and accounting classes and that everyone’s best friend is his or her calculator! What I like the most is the connection between all courses and projects, including management, giving advice to real companies or analysing processes.”

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Bank Manager
Overlooks the running of an entire branch, or a number of small branches. Brings in new customers and boosts the bank’s profits, sets targets and ensures they are met, motivates and develops staff, deals with customer complaints, makes and analyses management information and reports.
WHAT YOU CAN EXPECT

International Business and Management Studies (IBMS) is a 4-year full-time Bachelor’s course. It is designed to prepare you for positions with internationally oriented companies at middle and higher management level. Positions in the fields of marketing, management, finance, and logistics. And, with a 90% student approval rating, this course has what it takes to give you a solid start in your international business or management career.

The IBMS course will equip you with solid theoretical knowledge to go up against all the twists and turns that make up international business and management. After you have learned the theory, you will put your knowledge to work in various hands-on team projects and assignments. Next to that, you will become familiar with subjects like Business Management, Marketing Management, Finance, Leadership, and International Law. The course lecturers have a wealth of international experience in their field to share with you. What you learn from them can be put to use later on in your professional career.

Once you have successfully completed the IBMS course, you will obtain an internationally recognised Bachelor of Business Administration (BBA) degree.

STUDYING INTERNATIONALLY

During your 3rd year of IBMS, you will take what you have learned up to that point and expand on it. How? By studying abroad at one of our partner universities for a semester. This is your chance to put your studies to practical use while strengthening your international knowledge.

Arnhem Business School is partnered with over 90 institutes across the globe. Many of these institutes offer exciting subjects in the field of International Business and Management. Subjects that will prepare you more for an international career. And open more doors to you in the near future.

PUTTING YOUR KNOWLEDGE TO WORK

The work placement portion of your studies will give you a first-hand look at the actual business world. During this time, you will learn how to take on current business practices. How to productively work within an international team. How to effectively handle tricky professional situations. These practices will also help you further develop your communication skills and intercultural awareness. Your understanding of the structure and performance of a professional organization. As you observe the various activities and performances of employees at different levels within the organization, you will begin to see the pieces of the corporate puzzle fall into place.

You can complete your work placement in the marketing or sales departments of either commercial or public organizations. You might be sharing knowledge and soaking up experience in the offices of Deloitte Consulting, KLM, BMW or L’Oréal, to name but a few. All you have learned throughout the last two and a half years will come together and you will find that you are more
prepared. Prepared to consult on the launch of that new car model. To successfully introduce that new design firm into a competitive Italian fashion market. To effectively turn around and lead that sales team in Portugal to success.

THE FINAL STEP
Now that you understand how to coordinate an international business venture or take on complicated product launches, your graduation assignment is the final step in completing your journey toward your future career. Your assignment? Researching a strategic business problem and creating a solution based on your research for an actual company. The company? It can be a national or international company or a business support organization. It is up to you. Whichever type of company you choose, you will be working independently on this project-based final assignment.

CAREER PROSPECTS

International Marketing Consultant
Launches products and services on foreign markets. Identifies and develops international marketing efforts and/or expands existing markets by tracking and analysing market data.

Export Manager
Makes arrangements for import and export of goods and oversees the delivery of goods. Functions as intermediary for organizations and individuals importing from or exporting to various geographical locations, ensuring that goods are safely and efficiently transported and making sure that cost-effective measures are employed.

International Account Manager
Brand ambassador on targeted markets. Seeks new opportunities and guarantees qualitative realisation of the projects according to agreements. Develops and implements sales strategies where quality, partnership and win-win situations are central.

International Sales Manager
Creates and manages the strategy of winning new business on foreign markets, as well responsible for approaching potential customers and making repeat sales to their employer’s existing foreign customers.
WHAT YOU CAN EXPECT
Life Sciences is a 4-year full-time Bachelors course that grooms you for an active and dynamic career as a researcher in molecular life sciences. During the course you will gain a solid theoretical footing, all the while spending more than half of your time doing practical work. This will get you ready for the real world of laboratory work and ensure that you are well prepared for the job market.

In your 1st year, you will get an introduction to life sciences and become familiar with the basic theories and lab techniques. You will put your new-found knowledge to work in small group projects. These projects will help you learn to patiently deal with actual life sciences challenges like cancer research, and the development of vaccines and alternative energy sources. These projects help you develop your creative problem-solving and communication skills, along with giving you insight into current issues in the field.

On successful completion of the Life Sciences course, you will obtain a Bachelor of Applied Science degree. And you will find out soon enough that the doors of laboratory opportunity can open wide with a solid degree in Life Sciences from HAN.

PUTTING YOUR KNOWLEDGE TO WORK
During your 1st year in the Life Sciences course, you will take on a mini work placement at a company or organization. For example, you will spend one day working at a university research department or a hospital. The aim of this practical day is to give you a taste of what working in a lab research environment is really like.

During your 3rd year, you will spend one semester carrying out your full work placement at a research institute, a teaching hospital or a company. Your Life Sciences study leaves you free to choose your own work placement, either in the Netherlands or abroad. Both placement options give you excellent opportunities to get to know the particular field you are interested in, or to narrow down your field of interest. By completing your work placement abroad you will have the chance to learn about a different culture. More importantly, the experience will teach you how to adjust your work style to meet the needs of the lab so that you can work with others toward one common goal – whether at home or abroad.

A pharmaceutical company is developing a new drug that could save thousands of lives. A plant development company wants to optimise the growth of a new strain of rice. A company wants to engineer a yeast to produce oils from organic waste. As a HAN Life Sciences graduate, you will have the skills and understanding to perform the lab research for these kinds of important projects.

Bachelor Life Sciences

A pharmaceutical company is developing a new drug that could save thousands of lives. A plant development company wants to optimise the growth of a new strain of rice. A company wants to engineer a yeast to produce oils from organic waste. As a HAN Life Sciences graduate, you will have the skills and understanding to perform the lab research for these kinds of important projects.

STUDYING INTERNATIONALLY
During your elective, which takes place in either your 3rd or 4th year, you will have the unique opportunity to study at one of our international partner institutions. This semester abroad will deepen your knowledge of the life sciences field and help you grow more comfortable working in foreign labs. You will also learn about another culture and perhaps even improve your language and communication skills. HAN collaborates with a number of institutions throughout Europe, the USA, Australia, Asia and South Africa, giving you a wide range of countries to choose from for your semester away.

FACTS
- Location: Nijmegen
- Duration: 4 years
- ECTS Credits: 240
- Degree: Bachelor of Applied Science

WWW.HAN.NL/LIFESCIENCES
THE FINAL STEP
By your 4th year of study, you will have gained a diverse and widely marketable skill-set. You are almost ready to graduate. But there is one more step you need to take: your graduation assignment. The graduation assignment will take up the last half of your final study year and will focus on a major issue in the life sciences area. This will give you hands-on experience at setting up and carrying out your very own research project within a hospital, research institute or company. You will be responsible for defining the research questions, completing a literature study, organising lab activities, obtaining the results and writing lab reports. Upon completion of the project, you will be expected to present your results in a professional manner.

CAREER PROSPECTS
Research Assistant
After graduating from HAN’s Bachelors course in Life Sciences, many students go on to work as a Research Assistant in fundamental or applied research at a university or company. Those working in the commercial sector have opportunities to grow into positions of more responsibility and leadership.

PhD position
Many of our students also continue their studies with a Masters degree in the Netherlands or abroad and some also go on to complete a PhD. A PhD is a paid position in the Netherlands. Some students even acquire a PhD position outside the Netherlands directly after finishing their Bachelors degree.

Researcher
After attaining their PhD, many graduates of the Bachelors course in Life Sciences become fully-fledged researchers. They work at universities and in the commercial sector both in the Netherlands and abroad.

SJOERD VAN HELVERT
Dutch student
“The HAN has always put a lot of effort in quality of education, and that is nicely reflected in the success of overseas students, some of which even start a PhD programme right after their Bachelors. All together I think the HAN has prepared me well on the practical, theoretical and social aspects to successfully complete a challenging work placement.”
WHAT YOU CAN EXPECT

When you enrol for HAN’s 4-year full-time Bachelors course in Logistics Management (Economics) you don’t merely learn how to take on today’s demanding global business operations. Studying current international business practices and trends is only the tip of the iceberg. Your practical skills will also be uncovered and strengthened. Skills that will help you compete in the competitive job markets of today. Your main focus will of course be supply chain management, but you will also come to understand modern marketing and how it goes hand in hand with supply chain management.

Not stopping there, you will learn how to improve your management and organization skills. How to get a strong grip on the international business world. These skills will be put to the test during your international studies and work placement. This is your golden opportunity to step out of your comfort zone and see first-hand how things are done in a different cultural environment. This experience, along with an understanding of supply chain management challenges, is bound to give your career opportunities a major boost – opportunities both at home and abroad.

Students who have successfully completed the Logistics Management (Economics) course will obtain an internationally recognized Bachelor of Business Administration (BBA) degree.

STUDYING INTERNATIONALLY

In your 3rd year of Logistics Management at Arnhem Business School, you will broaden your international orientation by studying abroad for a semester. You can do your semester abroad almost anywhere in the world! Arnhem Business School has over 90 partner universities across the globe, many of which offer attractive and challenging subjects in the field of supply chain management.

PUTTING YOUR KNOWLEDGE TO WORK

During your work placement you will learn how to effectively work under real-life business circumstances. This will be seen as a major asset. On your CV as well as in your future workplace. The work placement portion of your studies will put you right in the middle of an already thriving business. You could be working at companies like Philips, Bosch, Nike, Adidas, DHL, Huawei, Lufthansa or BMW. During this time, you will learn about business practices and how to adjust your personal performance to meet company needs. Most students do their work placement outside the Netherlands with a company that is internationally oriented. Your daily adventure will consist of working with international colleagues who speak a different language, as well as learning how to safely

A multinational company decides to enter a new market. Customers at a music store receive a free DVD during a special summer sale. Humanitarian aid is sent abroad after a natural disaster. A rock band is on tour and is scheduled to perform in nine different sports stadiums. What do all these situations have in common? They all need an excellent supply chain manager. They need you! Enrol in the Logistics Management (Economics) course at Arnhem Business School and learn to manage global operations.

Bachelor Logistics Management (Economics)

A multinational company decides to enter a new market. Customers at a music store receive a free DVD during a special summer sale. Humanitarian aid is sent abroad after a natural disaster. A rock band is on tour and is scheduled to perform in nine different sports stadiums. What do all these situations have in common? They all need an excellent supply chain manager. They need you! Enrol in the Logistics Management (Economics) course at Arnhem Business School and learn to manage global operations.

FACTS

Location Arnhem
Duration 4 years
ECTS Credits 240
Degree Bachelor of Business Administration

WWW.HAN.NL/LOGISTICSMANAGEMENT
navigate the deep, cultural waters. This is how you truly test your abilities and knowledge of supply chain management, increase your cultural awareness and get ready to jump into the global job market.

THE FINAL STEP
Whether you focus on improving supply chain management practices, setting up a new distribution concept or improving inventory management policies, your graduation assignment will be the final step in your studies.

When the 2nd semester of your final year starts, you will begin to piece together your graduation assignment for a company. The assignment? Writing a thesis based on desk and field research to resolve a strategic business issue in an international context. This is a project-based assignment that allows you to work on your own. You will emerge from the task with a wealth of new-found skills and experience.

CAREER PROSPECTS
Supply Chain Manager/Logistics Manager
Sets up, plans and supervises the organization of the movement of goods from suppliers to manufacturers as well as from manufacturers to distributors, retailers or customers.

Purchasing Manager
Plans, executes and finalises a company’s purchasing and procurement strategy.

Distribution Manager
Organizes the storage and distribution of goods.

HONGYING LIU
Chinese alumnus
International Purchase Manager
“What I found most interesting at ABS were the group projects, interaction with other international students. All of them have different cultural background, experiences, interests and personalities. My current job is in the recycling business [...] and get to go to countries such as Spain, Greece, Germany, Belgium, China. I normally go to these countries to meet my suppliers, to close deals, to check the purchase quality and to discuss logistics matters.”
INTRODUCTION FOR NEW STUDENTS

New Bachelors students are invited to participate in the introduction week or an introduction day. This introduction is designed to help students adjust to their new surroundings. During the programme, students are given information about everything from university regulations to lecture timetables. They also get to meet some of their lecturers and get a crash-course in HAN student life.

New Masters students will be given a warm welcome on their first day at HAN. They will meet their fellow students and receive practical information on topics such as lecture timetables, textbooks and software. After this introduction, students will be ready to embark on an enjoyable and successful academic career at HAN!

www.hanintro.nl

STUDENT ASSOCIATIONS

Bachelor students can join various associations such as the International Student Association (ISA) at Arnhem Business School or the Student Council. ISA organizes ski trips, visits to European cities and various social events like the well-known Boat Gala at the end of each academic year. The Student Council holds regular meetings with the course coordinators to discuss the finer points about the education offered at HAN. Sometimes these two associations join forces. For example, ISA and Student Council jointly organized a ‘Chinese Business Week’. This event included lectures, workshops and entertainment surrounding all things Chinese.

STUDENT ASSOCIATIONS

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STRONG TIES WITH ALUMNI

At HAN University of Applied Sciences we go to great lengths to maintain strong ties with our alumni. We are interested in their careers, as well as their thoughts and comments about the courses we offer. This kind of information is valuable to us. Why? We are constantly fine-tuning our courses to fit current professional practices. Next to that, it is our goal to enable contact between our alumni and our current student body, creating both an exchange of knowledge and opening up opportunities. HAN has its own alumni networks and LinkedIn groups where former students can register and connect with each other.

www.arnhembusinessschool.nl
- www.facebook.com/ArnhemBusinessSchool
- www.facebook.com/HANmasterscourses
- www.youtube.com/arnhembusinessschool
- www.youtube.com/HANUAS
GATEWAY TO KNOWLEDGE AND INNOVATION

At HAN University of Applied Sciences we strive to tackle the complex issues and challenges facing professionals in the workplace today. Innovation in professional practice is therefore a crucial aspect of both research and education at HAN, and in the Masters courses in particular. Students immediately start working with real professional issues, which benefit both the students and their future employers. We believe it is important that students learn, not just from lecturers but also from their peers. This means new knowledge, insights, methods and concrete products arising from applied research at HAN not only benefit companies and organizations, but also our students. Masters students participate in research projects and at the same time research results flow back into the course curricula. In this way HAN functions as a gateway to knowledge and innovation.

All the Masters courses – International Business, Molecular Life Sciences, Automotive Systems and Control Systems Engineering – have a small scale set up. Highly qualified lecturers with years of professional experience, closely monitor and assist in their students’ development. Lecturers use motivating educational tools. They take into account current social needs, developments, potential workplace dilemmas and new scientific insights from the HAN research groups and other academic resources. This stimulating learning environment allows those professionals studying for their Masters degree to expand their knowledge, skills and future networks.
**FACTS**

**Location**
Arnhem

**Duration**
18 months (fulltime, part time optional)

**ECTS Credits**
90

**Degree**
Master of Engineering in Automotive Systems

The automotive industry is dynamic and in constant need of innovations. And therefore in need of professionals with knowledge of the latest trends and skills to develop and apply new techniques in intelligent vehicle systems. The Masters course in Automotive Systems focuses on vehicle dynamics and control, driver assistance and advanced propulsion design. Exciting new developments in which you as a professional in automotive systems can obtain a Masters degree, making you more valuable in your current or future job.

**APPLIED SCIENCES**

The Masters course in Automotive Systems focuses on applied sciences. This implies knowledge and techniques from fundamental research being applied in an industrial environment and implemented in automotive systems and vehicles. Staff of the HAN Automotive Research group are actively involved in the curriculum by assisting as tutors and coaches in the teaching of theory and the supervision of practical assignments and projects of this Masters course.

‘I started searching for a Masters course in Automotive Engineering that was taught in English. I preferred Europe over America because it has so many different cultures and languages in a relatively small area. During the course I conducted research on a new injection system. The most recent development in the area of petrol engines is a fuel consumption similar to that of a diesel engine, but with the ‘fun to drive’ factor of a petrol engine. It’s the best of both worlds!’

Karthik Venkatapathy

**WHAT YOU CAN EXPECT**

In this Masters course you will be taught by highly qualified and experienced lecturers who are active in the industry. You have access to the latest developments and research results. You gain an in-depth understanding of a wide variety of disciplines directly applicable to the industry. These include vehicle electronics, mechatronics and software development, driver interfacing and intelligent traffic and road environment systems. As a trained engineer and Masters graduate, you will also understand how your contribution fits within the framework of company processes in the current automotive industry. You will learn about aspects of automotive management, such as production logistics and management, quality management, project management, cost control and marketing. The course is both practical and result-orientated, with a focus on the automotive product. As an engineer, your main focus is the market-related development of components and products. Furthermore, you take personal responsibility for your achievements. You will be required to

**FACTS**

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<td>Degree</td>
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apply virtual and hybrid experimental engineering tools. You will also be required to demonstrate that you can communicate effectively among different nationalities and disciplines.

**STUDYING INTERNATIONALLY**

This Masters course is taught as an International Class Room. The wide variety of international students from Europe, Asia, Australia and Latin America gives you the opportunity to learn and understand different cultures and opens up the possibilities of global relations for personal or career purposes. The option of doing the course part time opens up excellent opportunities for combining work with study (please note: there are specific requirements regarding part-time study and visas).

**CAREER PROSPECTS**

On successful completion of the course, you will be awarded the title Master of Engineering in Automotive Systems. You will have the professional skills for managing projects, leading activities in design, development, applied research and production and you will be able to balance engineering, economical and commercial activities. Some examples of job titles available to graduates of this Masters course include:

- Vehicle Application Engineer
- Product Engineer
- Research Engineer
- Calibration Engineer
- Advanced Research Engineer
- System/CAE Engineer

**COURSE OVERVIEW**

For a detailed overview of the content of the Masters course, please go to [www.han.nl/mas](http://www.han.nl/mas). A specific element at the end of your course is the Masters thesis, also known as your graduation project. The focus of this project is solving a problem related to, and motivated by, the professional automotive field. Your graduation project is therefore generally carried out within an automotive company or an automotive research institute that is monitored by HAN. Your future career prospects will be greatly enhanced when your project is successfully implemented. HAN will support you in applying the findings of your project within an international automotive organization.

‘Graduates make the link between state-of-the-art technology and current practice. To us, the technology is not a goal in itself. Instead, you have to look at what the customer wants and translate that into technology. Graduates have a broad focus on the process. Besides technological knowledge and skills, the programme also addresses personal development: when the students graduate they will be working in positions suited to someone with a Masters degree. With our Masters course, we understand the importance of that development, and deliberately and structurally incorporate it into the study programme.’

Kea Bouwman-Jansen,
Coordinator Masters course in Automotive Systems

‘Students usually work on systems or developments that will only come on the market after a long time. This system, in contrast, is just about to go into actual production. Karthik Venkatapathy simulated and analysed the behaviour of the system. This detailed data was necessary for us to know we were on the right path. This was very practical and valuable, for us and for him.’

Robert Wiensch,
Programme manager Gasoline DI Injection Systems,
Continental Automotive Group

‘I believe the best students are those who truly embrace the problem. Both individually and as a team. They continue to play with it until they see a solution and, just as importantly, ask for help in time. Karthik Venkatapathy was such a student and now works as a researcher within our research group, a situation we are both very satisfied with.’

Bram Veenhuizen,
Professor of Vehicle Mechatronics
FACTS

Location
Arnhem

Duration
16-18 months (fulltime, parttime optional)

ECTS Credits
90

Degree
Master of Engineering in Control Systems

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INTERNATIONAL COOPERATION

Related large-scale industries and specialized companies all have a constant demand for Control Systems Engineers. This need is reflected in the support systems of companies such as Shell, DNV GI (Kema), AkzoNobel, IPCOS, Omron, SKF and Tatasteel, who provide trainers for HAN. Along with sharing their knowledge and helping to put together a number of our major projects and excursions. HAN also cooperates with around 90 other universities and institutes worldwide, making us a truly international and comprehensive university.

APPLIED SCIENCES

The Masters in Control Systems Engineering at HAN offers a unique programme in the Netherlands. It focuses on how to directly translate the skills and knowledge taught at university into their intended application in the real world. Made up of both required and optional subjects, our programme allows you to specialize in the use of control systems engineering in either the field of mechatronics, energy management or in the process industry. You will be taught by means of lectures, lab sessions and minor projects.

WHAT YOU CAN EXPECT

The Masters programme in Control Systems Engineering gives you an in-depth understanding of a wide variety of disciplines directly applicable to the industry. These include modelling and dynamic models, control theory, implementation in mechatronics, process control and energy management, as well as a variety of tools and skills such as presentation skills, mathematics, software use and patent & literature study.

As a trained engineer and Masters graduate, you will also understand how your contribution fits within the framework of company processes in the current mechatronics, process control or energy management industry. On successful completion of the course with a graduation project, you will be awarded the title Master of Engineering in Control Systems (M.Eng.), which is acknowledged worldwide. Completion of the course curriculum (without the graduation project) will entitle you to a postgraduate certificate.

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FACTS

Location
Arnhem

Duration
16-18 months (fulltime, parttime optional)

ECTS Credits
90

Degree
Master of Engineering in Control Systems
STUDYING INTERNATIONALLY
This Masters course is taught as an International Class Room. With students from all over the world, the Control Systems Engineering Masters course has a truly international focus, which will help you prepare to further your career in an international environment.

CAREER PROSPECTS
Well-trained and highly qualified technicians are in demand, especially in the field of regulatory engineering. Almost every technical branch of industry around the globe requires the knowledge and skills you will gain during this course.

When you have earned your Masters degree in Control Systems Engineering from HAN, you will be qualified to work just about anywhere in the technical sector. Besides that, your expertise will also be welcome in higher education, research institutes, universities or in R&D departments of companies and organizations. And because you have gained a strong grasp of the general relevance of the course, you will also be qualified to teach Control Systems Engineering anywhere in the world.

COURSE OVERVIEW
For a detailed overview of the content of the Masters course, please go to www.han.nl/mcse. To graduate and earn your Masters degree, you will need to successfully complete a graduation project. Your Masters project will result in a written report about the Control Systems Engineering principles you have learned and how you have applied those principles to a real-life industrial situation. You can complete your Masters project at a national or international company or institution of your choice. Many of our graduation projects are carried out in association with multinational companies.

RATING
HAN’s Control System Engineering course received the highest rating for electrical engineering Masters programmes in the Netherlands according to the ‘Keuzegids Masters 2014’, an annual study guide that provides an independent comparison between courses in Higher Education in the Netherlands.

‘HAN University of Applied Sciences has an excellent reputation in the field of control engineering. The Masters in Control Systems Engineering is intertwined with the industry and co-operates with relevant research groups of other universities in the Netherlands and abroad. This approach ensures that the students’ knowledge and skills are the ones we need in our rapidly changing business’

Peter Vaessen MEng, Segment Leader Future Transmission Grids at DNV GL

‘This Master is unique in its kind. I get the chance to apply the knowledge I obtain in lab settings and not many universities offer specializations in process industry, mechatronics and sustainable energy. This means there is a great demand for graduates from this Masters course’

Sabi Aoni, HAN Master Control Systems Engineering and trainee at DNV GL
The part time Masters course in Molecular Life Sciences is tailored to the needs of working laboratory technicians: professionals in the dynamic and innovative field of molecular life sciences. The course focuses on the use of essential research techniques in the development of biotechnological products such as vaccines, drugs, diagnostic tests, biofuels and enzymes. What makes this course unique is its focus on how to translate research into actual products. You gain knowledge and skills to do research and to develop new products and processes. Exciting new developments in which you as a professional in molecular life sciences can obtain a Masters degree, making you more valuable in your current or future job.

**APPLIED SCIENCES**

HAN University of Applied Sciences is committed to educating laboratory technicians who wish to apply their knowledge and skills in molecular life sciences at a higher level. The Masters course in Molecular Life Sciences focuses on applied sciences. This implies knowledge and techniques from fundamental research being applied in a practical environment and being implemented in organizations and institutes within the industry. You will be taught by lecturers of HAN’s Research Group for Industrial Microbiology, as well as by contributing guest lecturers.

**WHAT YOU CAN EXPECT**

You will be taught by highly qualified and experienced lecturers who are active in the industry. You have access to the latest developments and research results. You will acquire a broad overview of both scientific and project management knowledge and skills. These include subjects such as cell and molecular biology, biochemistry, immunology and vaccine development, drug development, statistics, bio-informatics, scientific writing, patent searches, quality control, project planning, team work and efficient meetings and situational leadership.

The knowledge and skills taught in the course are regularly reinforced by interaction with professionals from the field. This innovative and practice-oriented course will prepare you to use your skills in your current or future job!

**FACTS**

- **Location**: Nijmegen
- **Duration**: 24-30 months (part time)
- **ECTS Credits**: 87
- **Degree**: Master of Molecular Life Sciences
STUDYING INTERNATIONALLY
This Masters course is taught as an International Classroom. HAN University of Applied Sciences aims for a variety of international students, giving you the opportunity to learn and understand different cultures and to open up the possibilities of global relations for personal or career purposes.

PART TIME
The course is currently offered as a two-year part time course, which opens up excellent opportunities for combining work with your study (please note: there are specific requirements regarding part-time study and visas). Contact hours take place on a regular basis, but can partly be replaced by contact online. For details and recent developments, please go to www.han.nl/mmls.

CAREER PROSPECTS
On successful completion of the course, you will attain a Masters degree and title. You will be able to execute short to medium-length projects as a goal-oriented and interdisciplinary professional, making you employable as a project leader or lab manager in the biotech industry, in pharmaceutical companies, hospitals or research institutions. Another option for you as a Masters graduate is to continue your academic career with a PhD project, preferably in applied research.

COURSE OVERVIEW
For a detailed overview of the content of the Masters course, please go to www.han.nl/mmls. A specific element at the end of your course is the Masters thesis, also known as your graduation project. Your graduation project is a six-month full-time component of the course in professional practice, e.g. at your own work place. Successful completion of this project involves producing a project proposal and a project report, and presenting and defending your Masters thesis.

RATING
HAN’s Molecular Life Sciences course received the top rating according to the ‘Keuzegids Masters 2013 and 2014’, an annual study guide that provides an independent comparison between courses in Higher Education in the Netherlands.

‘Our aim is to offer added value to professional practice and to technicians aiming for career progression. We do this by close collaboration with both parties and by careful consideration of their needs and wishes. The integration of knowledge and skills in applied science with some managerial skills is exceptional and highly appreciated by the professional field. Our highly successful accreditation assessment and the exceptionally high student satisfaction validate our commitment and approach.’
Andrea Thiele, Coordinator
Master Molecular Life Sciences

‘I recommend this course to every lab technician because it really allows you to stand out from the crowd. Even I underestimated how much it can teach you and alter your position. Both here in the lab and for me personally, it has set a ball rolling that just keeps on going. It’s all very exciting. For my graduation project, I am investigating and managing the lab’s transition to an entirely new DNA-sequencing technique. A technique that will enable the lab to remain a leader in the field worldwide.’
Adinda Diekstra,
Genetics lab technician,
Radboudumc, Nijmegen
More and more companies depend on successful cooperation for their international innovations and ambitions. Companies and organizations are therefore in need of professionals with the knowledge and skills to operate in the broad and complex field of international business. Doing business in the international arena requires thorough preparation and a realistic evaluation of the risks. But above all it means not missing any opportunities! The Masters course in International Business involves all aspects of international business, including marketing, finance and resource planning. As a Masters graduate, you will be a more valuable asset to your current or future employer.

APPLIED SCIENCES
HAN University of Applied Sciences is committed to educating business professionals who wish to develop their knowledge and skills in international business to a higher level. The Masters in International Business focuses on applied research. State-of-the-art knowledge and techniques in the area of international business are applied to address specific company’s internationalization challenges. You will be taught by highly qualified and experienced lecturers as well as by contributing guest lecturers from the industry.

WHAT YOU CAN EXPECT
The Masters course in International Business will give you access to the latest developments and research results. You will acquire a broad overview of today’s and tomorrow’s opportunities and you will gain project management knowledge and skills. The knowledge and skills taught in the course are regularly reinforced by interaction with professionals from the field. This innovative and practice-oriented course will prepare you to use your skills in your current or future job!

While studying for your Masters degree in International Business at HAN, you will learn how to keep a helicopter view of company business processes and how to draw up thorough

FACTS
Location Arnhem
Duration 24 months (parttime)
ECTS Credits 70
Degree Master of International Business
and realistic business plans. You will also learn to adjust and come to understand the complexity of day-to-day business and to respond to economic circumstances, to booms and recessions and to cultural differences. You will give shape to your international ambitions under the careful guidance of highly experienced professionals.

STUDYING INTERNATIONALLY

This Masters course is taught as an International Class Room. HAN University of Applied Sciences aims for a variety of international students, giving you the opportunity to learn and understand different cultures and to open up the possibilities of global relations, for personal or career purposes.

CAREER PROSPECTS

On successful completion of the course, you will attain the internationally recognized title Master of International Business.

You will be able to support a company in achieving its international ambition by developing a strategic plan and implementing the necessary organizational transformations.

You will become a goal-oriented and interdisciplinary professional, being the link between management and the work force.

‘Here I found out what marketing really is. I have a technical background and discovered that when it came to doing business there was much I didn’t know.’ Rodrigo is happy with his degree: ‘Because it is an international master, you can go anywhere in the world with it. We worked with practical cases in international business, also Harvard cases for example. This case based, practical learning, combined with the impressive international and practical experience of the lecturers and professors really gives you the basis you need for an international career. All the knowledge you need is right here.’

Rodrigo Arias Díaz, Master of International Business

‘It’s difficult to set up a successful export business, particularly for SMEs. We teach our students that there’s more to it than just developing a good product. For example, you need to understand the context in which you’re operating. You can divide that context – very roughly – into three parts: you have to be good at understanding and interpreting international relationships, you need to understand the cultural differences, and your networking skills are extremely important. Those networking skills are becoming more and more important too, because everything depends on good collaboration.’

Dr.ing. Jan Jurriëns, Professor ‘Innovation in the private sector’
For both the Bachelors and Masters courses at HAN University of Applied Sciences, there are two main admission requirements: prior education and level of English fluency.

**PRIOR EDUCATION REQUIREMENT BACHELORS**

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<th>BACHELOR</th>
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<th>DIPLOMA SECONDARY EDUCATION</th>
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<td>• Havo / Vwo/ MBO (level 4)</td>
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Automotive Engineering: Sufficient scores in: Mathematics and Physics

Life Sciences: Numerus Clausus & Decentralised selection

Sufficient scores in: Biology, Chemistry, Mathematics

**APPLICATION PROCEDURE – BACHELORS AND MASTERS COURSES**

**Step 1 – Enrol through Studielink**
Start your enrolment by applying through Studielink, the central Dutch online application tool for higher education in the Netherlands. HAN University of Applied Sciences will automatically receive your application from Studielink. To enrol, please go to www.han.nl/english > the course of your choice > Apply now for instructions.

**Step 2 – Send required documents**
Within a few days of receiving your application, the HAN Admissions Office will ask you to forward certain documents that are needed to process your application.

**Step 3 – Acceptance to the course**

**Bachelors courses**
The Board of Admissions will review your application and documents, based on the admission requirements of HAN University of Applied Sciences. If necessary, you will be contacted for additional information or for an interview. The Board of Admissions will let you know whether you have been accepted into the course you chose.

**Masters courses**
The relevant course coordinator will review your application and documents, based on the admission requirements of HAN University of Applied Sciences. You might be contacted for additional information and an interview. Following this, you will be informed whether you have been accepted into the course of your choice.

Please note: due to the visa procedure, non-EU students should apply as soon as possible.
Step 4 – Becoming a student
You are considered an official student of HAN University of Applied Sciences once you have received the acceptance letter and paid the tuition fees. Then, you will be ready to start! You can check your application status online by visiting www.han.nl/myapplication.

PRIOR EDUCATION REQUIREMENT MASTERS
In order to be admitted into one of the Masters courses at HAN, you must have a Bachelors degree in a related discipline and meet a minimum GPA requirement. In some cases you can enter the course with a different degree. Please visit www.han.nl/english > the course of your choice > Admissions.

MASTERS
As the courses are taught in English, an acceptable level of fluency in English is required for the Masters courses at HAN. As part of the intake procedure your English fluency will be evaluated by means of an interview (in person or by phone, Skype or otherwise). Please visit www.han.nl/english > the course of your choice > Admissions.
To check the tuition fees that apply to your situation, please visit our website

www.han.nl/tuitionfees
BACHELORS
Next to the tuition fees, non-EU students who need a Dutch entry visa must make use of the Financial Guarantee. HAN University of Applied Sciences offers non-EU students the following paid services:
• Facilitated entry visa processing (only educational institutions can request a student entry visa, which takes about 10 working days)
• Guaranteed accommodation for 2 semesters
• Health insurance
• Residence permit costs

EU/EER students are not required to have an entry visa and therefore cannot make use of the Financial Guarantee arrangement of HAN University of Applied Sciences.

MASTERS
Tuition fees vary per Masters course. To find out more about the tuition fees that apply to your course, please visit www.han.nl/english > the course of your choice > Apply now.

AVERAGE MONTHLY COSTS
In our experience, to live and study in the Netherlands for one year costs a student between €700 and €1,100 a month. This amount is needed to cover daily expenses, to pay the rent and for tuition fees. If you have an average student income – from a grant or scholarship – you will find that one third of it will go toward housing. Food might cost you another third. Fortunately, hot meals are offered at reasonable prices at our campuses in Arnhem and Nijmegen. In the city centres there are also pubs and cafés where you can get a good meal at a reasonable price. However, the cheapest way to eat is still to just do your own cooking. The remaining third of your money will go toward books, travel and other expenses.

STUDENT FUNDING
Bachelors
You cannot rely on finding an additional source of income upon arrival. However, if you are from an EU or EEA member state, you could be entitled to full funding Student Grant or to a Tuition Fees Loan from the Dutch government. For more detailed information, contact the DUO-IBGroup, www.duo.nl. If you live outside the European Union, you might qualify for HAN’s Talent Scholarship Programme.

HAN Talent Scholarship
HAN University of Applied Sciences offers scholarships for talented international students. For detailed information about the criteria and height of the scholarships, please visit www.han.nl/english > Practical information > Before you leave > Scholarships

Masters
For Masters students there are numerous personal scholarships you can apply for. Please refer to www.han.nl/english > Course of your choice > Apply Now for further details.
HOUSING
The HAN Housing Office can help you with accommodation as a student at HAN. HAN Housing Office provides furnished rooms for international students of the HAN University of Applied Sciences for a maximum of one academic year. We have over 100 rooms/apartments on offer at different locations in the city. Please check our website for more information regarding the different types of accommodation, rental prices and how to apply: www.han.nl/hanhousingoffice

STUDY AND LEISURE
HAN’s facilities provide you with a diverse study and leisure environment. Written and digital sources can be found in a peaceful and quiet setting in our five study centres. Use your HANaccount to gain access to a number of IT facilities, including wireless internet. If sports is your thing, check out the different student sports associations in Arnhem and Nijmegen. Warm food, snacks and sweets as well as beverages to satisfy any taste and culinary preferences can be bought in the cafeterias spread around our campuses.

STUDY CENTRES
HAN’s study centres are facilities to be proud of. We offer five of these centres: two in Arnhem and three in Nijmegen. You can easily search through library catalogues and databases. In these study centres, you can research both paper and digital sources, or take your time and work on an assignment or presentation in peace and quiet.

The HAN study centres are more than just libraries with multimedia facilities. Naturally you can search through books, magazines, reference books and graduate papers. However, you also have access to DVDs, CDs, CD-roms, digital information sources and streaming video. RSS feeds keep you up to date on the latest news. Watch streaming video and use online databases. Edit movies using a virtual cutting machine. And, when you are finished with your research or project, place your creatively thought out findings in a webpage or PowerPoint presentation to give it an updated edge.

IT
Part of your study will take place online. With your HANaccount you can log in to your mailbox and, using the HAN-Scholar virtual learning environment, you can exchange information, assignments and results with your fellow students and lecturers.

It is just that easy. You can access HAN-Scholar, HAN’s virtual learning environment (VLO), from home and on campus.
Discuss and chat with other students, hand in assignments and check your grades. Lecturers can post their announcements and new assignments here. When you use HAN-Scholar, you are always directly connected to HAN. Of course, this does not mean you have to do everything online. You will also have plenty of time during lectures and tutorials to discuss things with your lecturers and fellow students in person. It’s the best of both worlds!

**HAN INSITE: OUR INTRANET**

Using Insite, HAN’s intranet, you can stay up to date with the latest news about your course. You can place announcements and advertisements on the virtual bulletin board. Use Insite to find information on just about everything, from courses to timetables and beyond.

**HAN-WIRELESS**

HAN has a wireless network available at several locations. Are you a HAN student with a notebook computer? Then you can use this network and be online any time, any place.

**SPORTS**

If sports are important to you, you are in for a treat in Arnhem and Nijmegen. There are any number of possibilities for filling your free time with sports activities – and often at a reduced student rate.

**UNIVERSITY SPORTS CENTRE GYMNASION NIJMEGEN**

With a USG sports card you have access to all the sports associations at the University’s Sport Centre. Amateurs and experts alike can have a go at climbing, capoeira, squash, judo, fitness and more. This is your chance to make your student life as sporty as you want!

HAN’s facilities will provide you with a broad and generous study environment!
Meet us

Check out the 2015-2016 Open Days: www.han.nl/meetus
Your further education is an important step in your life. Although you can read up on everything there is to know about the courses in this brochure and on our website, you cannot feel the atmosphere of its buildings or meet potential new lecturers and fellow students.

Come and meet us at one of our organized HAN Open Days or at an Education Fair to discuss whether this is the right place for you to study. If that is not possible, perhaps we could arrange a Skype consultation. We could also set up a one on one informational meeting between you and one of our representatives or an alumnus if either is located near you. Please contact us to discuss the possibilities.

OPEN DAYS AND OPEN EVENINGS
If you live in or near the Netherlands, come and meet us at one of our Open Days or Open Evenings. You will get the chance to meet our lecturers and students, and get acquainted with our courses and facilities. Come to a HAN Open Day or Open Evening and take a look for yourself!

EDUCATION FAIRS
You can also meet HAN students, staff and alumni at various annual Education Fairs. Come by our exhibition stand and talk with our students. Our students and alumni are eager to share their first-hand experience about their studies at HAN – find out about course loads, student life and living in the Netherlands. Prospective Bachelors students may also want to learn more about travelling abroad for their study or work placement.

INFORMATION SESSIONS
HAN organizes information sessions all over the world. There may be a session in your country soon. Why not take that opportunity to come meet our staff and ask your questions? Our staff can answer your questions and give you useful tips and advice about your specific situation. Don’t miss your chance to come and meet us in your country!

Prospective students who wish to find out more about a course can request an informal meeting at any time. These can take place in person, but a Skype session, telephone meeting or videoconference can also be arranged if necessary.

WWW.HAN.NL/MEETUS
HAN on the map

HAN University of Applied Sciences is situated in the eastern part of the Netherlands. Just a few kilometres from the German border, but also within easy distance from Amsterdam, London, Paris, Brussels and Berlin. The Netherlands is truly in the heart of Europe! Although the country is small, flat and densely populated, it has a bustling economy and a relatively liberal standing. The east of the country offers a typical Dutch landscape with charming scenery like wide rivers, bridges, dikes and polders. The Netherlands is known for its cultural diversity and relaxed cosmopolitan lifestyle. You can easily observe this on a sunny day after your classes while sitting with your friends at any one of the little outdoor cafés, discussing this and that over a cup of coffee.

The campuses of HAN University of Applied Sciences are spread over the twin cities of Arnhem and Nijmegen.
LIVING IN NIJMEGEN

Nijmegen is the oldest town in the Netherlands and a beautiful, old university city. It is surrounded by woodlands, castles and polders. Just walk a few minutes in any direction and you will be able to enjoy nature and history at its best. Nijmegen has just about everything a student could wish for: museums, theatres, lively cafés, excellent sports facilities and a hip nightlife.

LIVING IN ARNHEM

Whether you have a passion for nature or culture, for events or attractions, Arnhem offers you this and so much more. As the capital city of the Gelderland province, Arnhem enjoys a rich and eventful history. This history can be found in a number of monumental buildings scattered throughout the city. Arnhem is located at the very centre of the Gelderland province, sprouting up out of lovely green surroundings with the Veluwe national park on one side and the lush floodplain area on the other.

The city of Arnhem offers a variety of eye-catching attractions. From fashion to history, museums to pubs, and concert halls to nightclubs.