



# Discover your world

2012  
2013

## International Traffic Management

Professional  
Bachelor's  
Programme

in 3 or 4 years

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# 1 Introduction

## International Traffic Management

Professional Bachelor International Traffic Management in 3 or 4 years

This English-taught programme prepares you for a career in the international mobility industry. When you opt for International Traffic Management, you will be trained for roles like mobility manager, mobility consultant, traffic researcher or traffic and transport planner.

### Figure it out

- > Will you be in charge of tomorrow's mobility?
- > Inventing techniques to influence motorist behaviour?
- > Designing a new traffic safety campaign?

After your graduation at NHTV Breda, you are tomorrow's mobility engineer with persuasive powers, and a vision and knowledge of engineering and technology!

### Your future?

Graduates are equipped to fill a range of positions, such as mobility consultant, traffic researcher or traffic and transport planner at (inter)national:

- > advisory agencies
- > multinationals
- > small and medium-sized enterprises
- > government services

Please be aware of the fact that many graduates start at the bottom of the career ladder - in assistant positions - and work their way up to management positions

### Labour market prospects

In Keuzegids HBO 2012 (information is in Dutch) you can find an indication of the labour market prospects for recent graduates (average starter salary and percentage of unemployed among recent graduates). For the Dutch programme, the starter salary of recent graduates amounts to 2,227 euros a month before tax. Approximately 81% of our graduates have found a job at bachelor's level. No figures are available for the International Traffic Management programme as there are no graduates yet.

Graduating from NHTV will earn you a Bachelor's degree in Built Environment in Traffic Engineering - and the opportunity to improve global infrastructure.

### Why NHTV?

Why study traffic management at NHTV Breda

- > approx. 30 students entering every propaedeutic year, allowing for personalised coaching
- > practice-oriented learning through close collaboration with the industry
- > international classroom, approx. 70% foreign students and 15 different nationalities
- > international case studies
- > good job prospects
- > first place in various rankings such as 'Keuzegids HBO Voltijd 2012'

### First place

The programme was ranked number 1 in its category in the Nationale Studentenenquête 2011 (Student Survey). Furthermore Keuzegids HBO Voltijd 2012 (in Dutch) ranked this programme number 1 in its own category as well.



Jonathan Temminghoff  
from Germany,  
Student

*'I am German and I actually wanted to study in Germany, but Breda was close to my hometown and what's more, the Traffic Management programme is precisely what I want. I follow the programme in Dutch. This is sometimes rather difficult, but at the same time it is stimulating to study in a language other than your native language. In the future, I would like to find a job related to passenger transport or public transport. Perhaps I will come up with innovative solutions to improve the efficiency of public transport? That would be fantastic. My employer could be a local government authority or an advisory agency, but for the moment, I am thinking about working with a transport company.'*

# 2 Admission requirements

## Admission requirements Dutch students

### havo

N+T > admissible  
N+G > admissible  
E+M > admissible  
C+M > not admissible

### vwo

N+T > admissible  
N+G > admissible  
E+M > admissible  
C+M > not admissible

### mbo

mbo 4 admissible

You are also admissible with a hbo/wo degree or a hbo/wo propaedeutic certificate.

### What to do if you do not meet the admission requirements?

- > If you miss any of the compulsory subjects, check out your possibilities at [www.nhtv.nl](http://www.nhtv.nl) (information is in Dutch).
- > If you are aged 21 or over, you may appeal to the 21+ arrangement. Based on an assignment, you are permitted to start the programme or not. Please contact Berber van der Heide, [heide.b@nhtv.nl](mailto:heide.b@nhtv.nl).

### Brush up course - better results!

NHTV's Online School offers an online course to increase your knowledge of financial management.

## Admission requirements foreign students

You can apply for this programme if you have completed secondary school, Abitur, Artium, Avgångsbetyg från Gymnasieskolan, COU, Senior High School - A levels or secondary vocational education. If your qualifications are not mentioned above, please contact International Office ([international.office@nhtv.nl](mailto:international.office@nhtv.nl)).

### Test Of English as a Foreign Language (TOEFL test)

As a non-native speaker of English, you must also show sufficient results of a **TOEFL test** (minimum score 550 paper-based, 213 computer-based or 80 internet-based), an **IELTS test** (minimum score 6.0 and a minimum sub score for Speaking 6.0) or a **Cambridge Advanced Certificate**.

### English Language Preparatory Course

The preparatory course aims to prepare you for studying in English and helps you to acquire the study skills and the high level of proficiency in English required for studying at NHTV Breda University of Applied Sciences.

### Brush up course - better results!

NHTV's OnlineSchool offers an online course to increase your knowledge of financial management.

### 21+ Arrangement

If you do not meet the admission requirements, but you are aged 21 or over, you may appeal to the 21+ arrangement. Please contact Berber van der Heide, [heide.b@nhtv.nl](mailto:heide.b@nhtv.nl).

# 3 Course characteristics

## The programme

NHTV offers three English-taught international programmes in the field of mobility and logistics. You start with a joint first year. When you opt for International Traffic Management, you will be trained for roles like mobility manager, mobility consultant, traffic researcher and transport planner.

Traffic is an internationally developing specialism. It concerns pedestrians, bikes, cars, busses as well as trucks, trains and planes. The traffic situation in the Netherlands is (one of) the safest in the world. Combined with the fact that the number of bikes is larger than the number of inhabitants, it makes the Dutch infrastructure an interesting subject for cases/assignments.

## Competency-based learning

This programme revolves around competency-based learning. This means you will learn the knowledge, skills and attitude you will need in your future career. Collaborating, communication and organisational skills are key elements. During the programme you will work in groups with fellow students on real-life assignments. The Benelux project for example will learn you how to organise the supply chain of a multinational.

## The route is as follows

In the first and second years, you complete projects, courses, training courses and coaching sessions. In the third year you carry out two work placements and then deepen your theoretical knowledge. In the fourth year you take a number of specialist classes and work on your graduation assignment for a company or organisation in the industry.

## Fast track

The regular track of this programme takes four years, but a fast track is available for Dutch students with a vwo diploma or relevant mbo diploma (level 4). German students might be considered for the fast track if they have Hochschulereifezeugnis. Do you already have a (propaedeutic) certificate from another higher education institution or university in the Netherlands? If so, you may be allowed to follow the fast track programme. For more information, please contact the Student counsellor of the programme, Berber van der Heide, [heide.b@nhtv.nl](mailto:heide.b@nhtv.nl)

## Course planning

### Combined introduction year

Together with your fellow students from the logistic programmes, you become acquainted with the professional fields of mobility and logistics. In groups, you deal with real-life assignments. For example you will research the options for sustainable modes of transport or design infrastructure for public spaces and residential areas.

### Year 1 and 2

You deal with courses and projects, specific to traffic and transport. You will learn how to advise about improvements on the traffic systems, its surroundings, and everything that influences the good operation of systems. Furthermore, you will learn how to research the motives of people, the use of facilities, and the effect of changes in traffic and/or environment.

Courses and topics during these years are among others:

- > Road Design
- > Urban Planning
- > Cycle Planning
- > Public Transportation
- > Traffic Regulation
- > Traffic Safety
- > Parking
- > Research Methodology
- > Land Exploitation
- > Environment
- > Project Management

In the first two academic years you can earn two credits by completing a course or practical component which you can choose yourself. Consider, for example, participating in an international study trip. At the moment, study trips to Dubai, Cape Town and Arizona are available. Other destinations are Berlin, Scotland, Barcelona and Ireland.



Kevin van der Stelt,  
Student

*'Ever since my childhood, I have been interested in traffic. I often wondered how the traffic lights actually worked and why there was a tunnel somewhere instead of a bridge. Traffic Management is a programme which provides you with a broad-based orientation on all kinds of traffic and the underlying technology. The project I enjoyed the most in the past year was "Locatiekeuze pretpark" (choice for theme park location). During this project, I was engaged in research, as well as making calculations and designs. Very diversified and because of that, very interesting! Traffic Management is a programme that really appeals to me and, not unimportant either: the programme comes with a job guarantee. I find it rather reassuring to know that I will be fairly certain of a good job after my graduation.'*

### **Year 3**

The third year is a combination of working practice and studying at NHTV. You'll have two times an internship with a period of three months, for example a governmental organization. These placements provide you with on-the-job experience and allow you to learn as you work at a company that matches your interests and ambitions. Between the training period you get courses which give you more thorough knowledge of mobility.

Examples of the courses are:

- > Simulation of Traffic
- > Predicting Future Traffic Volumes
- > Public Transport
- > Traffic Safety
- > Project Management

### **Year 4**

In the first half of the final year you will gain in-depth knowledge of the different subjects and the topics will be more integrated.

Examples of the subjects are:

- > Project management
- > Research Methodology
- > Simulation of Traffic
- > Influence People's Traffic Behaviour

### **Work placement**

All students perform two placements, both lasting for three months. These placements provide you with on-the-job-experience and allow you to learn as you work at a company that matches your interests and ambitions. Your placement can be at an international company in the Netherlands or abroad, where the business language is English. Multinationals, consultancy firms or government services are examples of suitable companies.

Your placement assignment may be, for example:

- > a bicycle routes user satisfaction survey
- > designing a traffic monitoring system
- > a study of how traffic signs are used on motorways

### **Graduation**

In the second semester of the fourth year you carry out a 20-week graduation project. As with your placement, the graduation assignment will be at an international company in the Netherlands or abroad, where the business language is English.

Examples of possible graduation assignments are:

- > researching travel time estimations in traffic jams with the help of GSM signals
- > traffic education via the digital highway
- > research into leisure-related traffic in a given area.

## **What's more?**

### **Academic degree in one year**

In the fourth year, all NHTV students are offered the opportunity of studying a pre-master's programme in Strategic Business Management and Marketing. This degree enables you to continue with a Master of Science programme at several universities and earn a Master of Science (MSc) degree in one year's time..

### **Exchange programmes**

Studying abroad for a while gives you the opportunity of broadening your horizons. You live in an international environment, meet people with different cultural backgrounds and learn a lot. In addition, you can considerably enhance your command of modern foreign languages. The long and the short of it is that studying abroad is a wonderful opportunity... Why not seize it?

In the fourth year you can follow part of your studies abroad in, for instance Hong Kong. NHTV has built partnerships with a large number of universities all over the world who will be happy to accommodate your exchange.

# 4 Study costs

## Tuition fees

In the academic year 2012-2013 the statutory fee is 1,771 euros.

You pay the statutory tuition fee if you:

- > have the Dutch nationality or the nationality of another country that is part of the EEA, or the Surinamese or Swiss nationality and
- > live in the Netherlands, Belgium, Luxembourg, or one of the German federal states of Northern Rhineland-Westphalia, Lower Saxony or Bremen at the time of enrolment (reference date 30 September) and
- > don't already have a bachelor's or master's degree at the start of the academic year

If this does not apply to you, check the tuition fee regulations at [www.nhtv.nl/fee](http://www.nhtv.nl/fee) to see whether there are other conditions through which you are eligible for the statutory tuition fee. In all other cases you pay the institution tuition fee. In the academic year 2012-2013 the institution fee is 7,578 euros.

## Attention

The Dutch government has submitted a legislative proposal to the Lower House with the intention of increasing the statutory tuition fee for 'langstudeerders' (slow-progressing students: 6 years or more) as well as withdrawing their 'OV-chipkaart' (student pass for public transport). More information on this subject and the consequences for you as a student can be found on the web pages 'Kabinetsplannen voor studiefinanciering' from the DUO - IB-Groep' (in Dutch). More information in English will follow as soon as possible.

## Additional costs

Besides the nationally-set tuition fee, please take into account the cost of:

- > a laptop (approximately 600/700 euros)
- > literature (a maximum of 350 euros per academic year)
- > the introductionweek (110 euros, incl. accommodation, food, coffee/tea)
- > field trips (100 euros)
- > international study trips (optional), cost depending on destination

Note: all prices are subject to change

# 5 Application

## Application Dutch students

This programme has no intake restrictions other than the admission requirements.

## Choices

This course offers a variety of choices, such as the Dutch-taught variant or fast tracks. After application, NHTV will contact you so that you can inform us of your choices.

## Application deadline

- > 1st September for Dutch students

## How do I apply?

Dutch students must apply through Studielink. You will find a detailed application manual at [www.nhtv.nl](http://www.nhtv.nl).

## Application foreign students

This programme has no intake restrictions other than the admission requirements.

### Choices

This course offers a variety of choices, such as the Dutch-taught variant or fast tracks. After application, NHTV will contact you so that you can inform us of your choices..

### Application deadlines

- > 1st June for EEA students
- > 1st June for Non-EEA students living in the Netherlands
- > 1st May for Non-EEA

### How do I apply?

Students from abroad must apply through Studielink and the International Office of NHTV.

#### Step 1

If you meet the admission requirements, please register with Studielink. This is the national administration system for higher education in the Netherlands. Check out [www.nhtv.nl](http://www.nhtv.nl) for a manual application and enrolment.

Please note: We won't start processing your application until you are registered with Studielink.

#### Step 2

Fill in the application form foreign students. You will find this form at [www.nhtv.nl](http://www.nhtv.nl). Please make sure you submit all additional documents requested in the application form.

Please send the documents to:  
NHTV Breda University of Applied Sciences  
International Office - Admissions  
P.O. Box 3917  
NL-4800 DX Breda  
The Netherlands

### Outcome

Our International Office will contact you with the outcome of your application as soon as possible.

### Questions?

Students from abroad who have any further questions may contact International Office ([international.office@nhtv.nl](mailto:international.office@nhtv.nl)).



Elmira Pasban,  
Student

*'The atmosphere in the academy is very informal. It also has a small-scale character, that's why you know most of your fellow students and they know you. I am also satisfied with the contact with lecturers. They are very open and approachable, you are not just a number because they know you by name. I really feel that I can always turn to them, that I am always welcome with my questions. I do notice that I am following a higher education programme now, it's very different from secondary school. You have much more responsibility. Lecturers teach, but you have to challenge yourself to go deeper into the subject matter in order to get to know more.'*

# 6 Find out for yourself

How do you find out whether a study programme really suits you? Keep in mind that you want to broaden your horizon, by exploring areas that really interest you and most importantly find a place you will feel at home. Come visit us, take a look and find out for yourself!

## Open days and evening all NHTV academies

12  
NOV

OPEN DAY: 10.00 - 15.00 hrs.

10  
MAR

OPEN DAY: 10.00 - 15.00 hrs.

19  
APR

OPEN EVENING: 19.30 - 21.30 hrs.

## Open evening Academy for Urban Development, Logistics and Mobility

7  
FEB

OPEN EVENING: 19.00 - 21.00 hrs.

## NHTV Breda - An overview of all programmes

In the brochure 'NHTV Breda - An overview of all programmes' you will find information on:

- > All NHTV's programmes
- > NHTV's international character
- > NHTV's educational vision
- > Holland and Breda facts
- > Studentlife

You can download the brochure at [www.nhtv.nl](http://www.nhtv.nl).

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