

# Work with our students

Placement, graduation and practical assignments



## Logistics



CREATING MEANINGFUL EXPERIENCES



As a partner in the logistics industry, we would be happy to work with you. The students of our professional bachelor's programmes of Logistics Management and Logistics Engineering can set to work for you on a placement or graduation assignment or another type of practical assignment.

### About Breda University of Applied Sciences

Breda University of Applied Sciences (BUAs) is a specialist and global higher education organisation in Breda, the Netherlands.

On our green and small-scale campus and in our diverse learning communities, students, staff and industry partners empower each other to shape a better world by Creating Meaningful Experiences.

They do so in the fields of Tourism, Leisure & Events, Hotel & Facility Management, Built Environment, Logistics Management, Game Design, Creative Business and Data Science & AI.

For more information, please go to [BUAs.nl/en](https://BUAs.nl/en).

### Logistics Management and Logistics Engineering

The programme of the professional bachelor's programmes of Logistics Management and Logistics Engineering prepares students for careers in the field of supply chain management and logistics. Both programmes have a practical orientation and are delivered by highly qualified lecturers with ample industry experience.

The focus in Logistics Management is on financial-economic and organisational aspects, whereas Logistics Engineering concentrates more on the technical aspects of production and transport and of information management, analysis and reporting.

- > In the first year, our students are introduced to all facets of supply chain management. This is followed by subjects such as inventory management, transport and distribution, warehousing, healthcare and event logistics.
- > The second year covers subjects such as operations management, sustainable entrepreneurship, innovation and international trade.
- > In the third year, students go on a six-month placement to gain practical experience and apply what they have learned in the first few years in a real-life environment. Students can also specialise in a specific theme or broaden their knowledge by choosing several current themes in logistics and supply chain management.
- > In the fourth year, students attend what is called a minor and they conclude their studies with a graduation assignment.

### In short

- > Dutch-taught and English-taught
- > 4-year programme
- > Graduation title: Bachelor of Science
- > Task areas where students may offer support:
  - Transport, distribution, production, event planning
  - Procurement/sales/customer service/production/market research/IT/finance
  - Capacity management, demand forecasting, data analysis and visualisation
  - Chain management, research/consulting, implementation

## COURSE OUTLINE PER YEAR

YEAR 1		YEAR 2	
SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4
<ul style="list-style-type: none"> <li>&gt; Getting started</li> <li>&gt; Basics of Supply Chain Management</li> <li>&gt; Modelling &amp; Planning</li> <li>&gt; Experience Supply Chain Management</li> <li>&gt; Personal &amp; Professional Development</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Material Logistics: Basics</li> <li>&gt; Service Logistics</li> <li>&gt; Material Logistics: Improvements &amp; Innovations</li> <li>&gt; Connection to Industry &amp; Research</li> <li>&gt; Personal &amp; Professional Development</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Introduction to Operations management</li> <li>&gt; Operations Management in a Production Environment</li> <li>&gt; Cross-Border Supply Chains</li> <li>&gt; Connection to Industry &amp; Research</li> <li>&gt; Personal &amp; Professional Development</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Running Sustainable Businesses</li> <li>&gt; Entrepreneurship</li> <li>&gt; Supply Chain Redesign</li> <li>&gt; Connection to Industry &amp; Research</li> <li>&gt; Personal &amp; Professional Development</li> </ul>
YEAR 3		YEAR 4	
SEMESTER 5	SEMESTER 6	SEMESTER 7	SEMESTER 8
<ul style="list-style-type: none"> <li>&gt; Work placement</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Specialisation</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Minor</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Graduation</li> </ul>

### Good to know

- > For many years, our study programmes have recorded high scores in Keuzegids HBO. This is an independent consumer guide that assesses the quality of all bachelor's programmes in the Netherlands
- > A unique feature of our study programme is that our students - in all years of study - work on real-life issues provided by our partners. This means that students can be deployed quickly and take on projects energetically.
- > In learning communities, students, lecturers and partners work together on innovations. We facilitate students who want to start their own business.
- > Students learn to work together intensively; through an integrated approach to complex issues, students learn where their interests and skills lie and what they want and need to develop themselves further in.
- > With some 50 years of experience, we have a large international network of companies and institutions; with their help, we can continuously improve our degree programmes and adapt them to market needs.



### Lots of focus on optimising processes and analysing complex networks

"I find it important to make an impact with my work, and to contribute to a more sustainable world. I found this in the infra sector; something you build now will remain standing for forty years. I also enjoy the challenge due to the complexity of technical, geographical, societal and political developments. As a portfolio manager at ProRail, I am concerned with optimising the long-term project portfolio to minimise disruption to passengers and freight, among other things. During my studies, there was a lot of focus on optimising processes and analysing complex networks. I regularly use these skills in my job."

*Maam van der Blij*  
Portfolio Manager at ProRail



# Placement and graduation assignment

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## Workfield orientation year 1

February – May

In the second half of the year (semester 2), students spend one day a week for 10 weeks in a company/institution or participate in an already existing project. The student assists in the daily logistics processes of your organisation or in the project to gain knowledge and experience in the world of logistics and supply chain ('observing').

## Workfield orientation year 2

September – November and March – May

During the above-mentioned periods, students again participate in a business organisation, where they can carry out more concrete assignments (e.g. analysing a flow of goods or people, visualising data analyses or demonstrating bottlenecks in a (sub)process).

## Placement year 3

September – January

In the third year of study, our students carry out an individual placement assignment at a company. The placement period lasts 20 weeks, during which the student works full-time at the placement host company. Assignments can range from helping to implement a new tool or IT system to writing a training manual for employees. Or they conduct research on lead times of a bottle production line or reducing the turnover rate of medicines in a hospital. Nothing is ruled out in advance, as long as there is a logistics or supply chain component (or if such a component can be incorporated).

## Graduation year 4

February – June and September – February

In the fourth year of study, students are available from February or September for a 20-week graduation project. The format of a graduation project has great similarities with the placement. The difference is that a graduation issue or assignment is more complex in nature. Previous placement experience means that our students can carry out their assignment much more efficiently. In doing so, they are also able to advise a company on a tactical-strategic level. The advice will be more extensive and more focused on innovation and implementation.

## What can our students offer you?

When a student performs an assignment or research project for your organisation, you can expect this student to:

- > Be interested in and familiar with your line of work;
- > Have up-to-date knowledge relevant to the performance of the assignment or research project;
- > Be able to tackle the issue from different perspectives: goods, people, information, systems, finance and organisation;
- > Be able to work in a flexible, creative, independent, communicative and solution-oriented manner, delivering a concrete result;
- > Have knowledge of the English language.



## How can our students help you?

Want to find out more about what are students can do for you? Below are some examples, as inspiration, of tasks and assignments students can work on during their orientation periods, work placement or graduation project:

- > Data collection of production or inventory figures
- > Analysing procurement or sales patterns
- > Investigating internal/external traffic flows
- > Restructuring warehouse layouts
- > Doing research into and advising on the use of internal means of transport
- > Doing research into and advising on the electrification of lorries , making warehouses more sustainable
- > Setting up reports on CO2 footprint/emissions
- > Project support for organisation of events
- > Customer satisfaction survey regarding On Time Delivery
- > Revising policy on the (re)use of medicines
- > Process evaluation of expanding customer base/introducing new customers into the system
- > Data analysis and visualisation (converting data into management information)
- > Feasibility study on the automation of warehouse operations
- > Investigate impact of introducing Zero Emission Zones;
- > Define and work out application possibilities for AI in warehousing and/or healthcare and/or events



### Logistics is actually the oil between different business processes

"I work at Logistics Community Brabant as Operations Manager. Almost 125 billion euros are spent on care and welfare in the Netherlands, which (unfortunately) includes a lot of waste. Reducing this waste requires a sustainable care sector and this challenge is right up my street. In the Logistics Management study programme, you learn that logistics is actually the oil between different business processes. Through experience from placements and assignments, you look at the entire chain and therefore have a solid basis to find a great position in logistics."

**Benji Martens**

Project Manager at Logistics Community Brabant



# How does it work?

## Work placements and graduation projects: the practical details

### Preparation

The students themselves look for a company with a concretely formulated issue to tackle. If there is a match between company and student, the student will articulate the proposal and present it to the placement coordinators of the study programme. After the placement coordinators' approval, the company will receive a confirmation of the arrangements.

### Responsibilities of the host company (the client)

- > On average, the student will work 40 hours a week on the agreed assignment and subtasks, which are substantively relevant to the company assignment and contribute to the student's competency development.
- > You will appoint a company supervisor, who introduces the student within your organisation, who formulates the objective of the assignment together with the student (the final result), and who supervises the student in a work- and assignment-oriented way and holds regular progress meetings with the student.
- > The company will be ultimately responsible for the work performed by the student. A placement or graduation report will not be

published if the client has indicated in writing that the report contains confidential information.

- > Your company will offer a professional workplace and a placement allowance (usually between €300 and €500 per month). Students are required to take out their own third-party insurance, as well as necessary insurance for travel and accommodation.

### Responsibilities of BUAs

- > On the part of the study programme, the student will be supervised by a lecturer.
- > The role of this supervising lecturer includes advising the student and organisation on the concrete details of the placement and the execution of the assignment, visiting the organisation and solving any problems that may arise.
- > At the end of the placement, the student will be assessed on the product for the company, their own knowledge and skills, and their professional development during the final presentation at school.
- > A third objective person (presentation supervisor) from Breda University of Applied Sciences will be present. This person will also assess the student on the product during the final presentation.



## Other Collaborations

Possibilities for cooperation apart from work placements and graduation projects

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We attach great importance to collaboration with partners in the field. This keeps education current and relevant. For you, involvement in education is an opportunity to highlight both current issues and your organisation itself. Throughout the various years of study, there are many more opportunities to participate in our education programmes.

### Cases in projects

In all years, we use current issues from professional practice. Students learn to take into account requirements and wishes of different stakeholders.

### Guest lectures and excursions

Knowledge from the industry can be shared during a guest lecture or by hosting a group of students for an excursion. In the first two years, time is reserved for excursions, both at home and abroad.

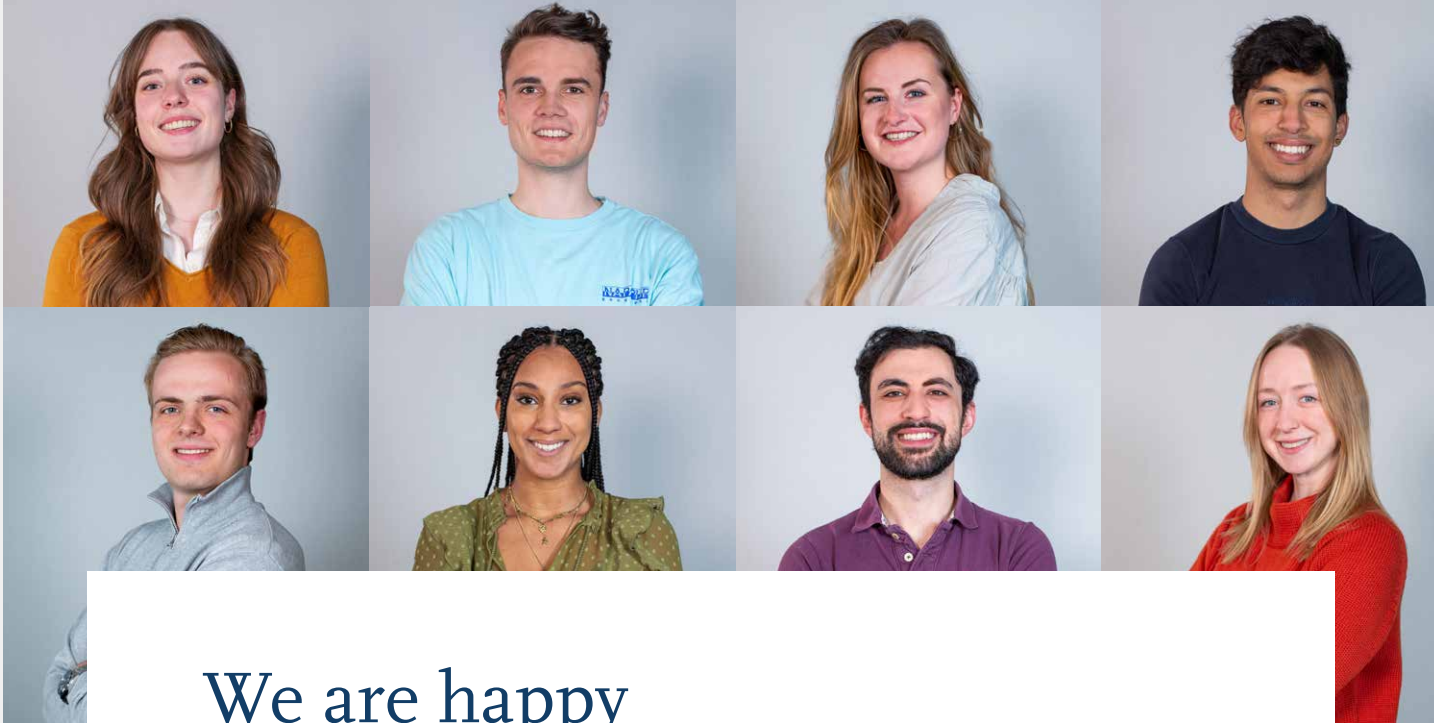
### Research

we share our knowledge and develop new knowledge through applied research. Research and projects are carried out within the following areas of expertise:

- > Smart City Logistics
- > Digital Transformation
- > Capacity Management & Events
- > Urban Mobility Planning

Our experts operate at the interface of research and application in professional practice. This means that, together with industry partners, they convert knowledge into products, services or new activity that in turn contribute to improving education.

If you are interested or have any ideas, please e-mail us: [LGplacements@buas.nl](mailto:LGplacements@buas.nl)  
You can find more information about our knowledge development at [Logistics.buas.nl](https://www.buas.nl/logistics)



## We are happy to work for you!

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Practical experience is very valuable to us. Do you have an interesting placement for our students, or a challenging research assignment? We would be happy to get to work for you.



### How do you submit a vacancy?

Do you have a suitable and challenging placement, graduation or practical assignment?  
Or would you like to contribute to one of our optional extension courses?  
If so, please contact our team at [LGplacements@buas.nl](mailto:LGplacements@buas.nl).

Do you have any questions or want to discuss what best suits your business or assignment?  
Please contact us by phone at +31 76 533 26 00.

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