



Work with our students



Built Environment

PLACEMENT, GRADUATION AND PRACTICAL ASSIGNMENTS

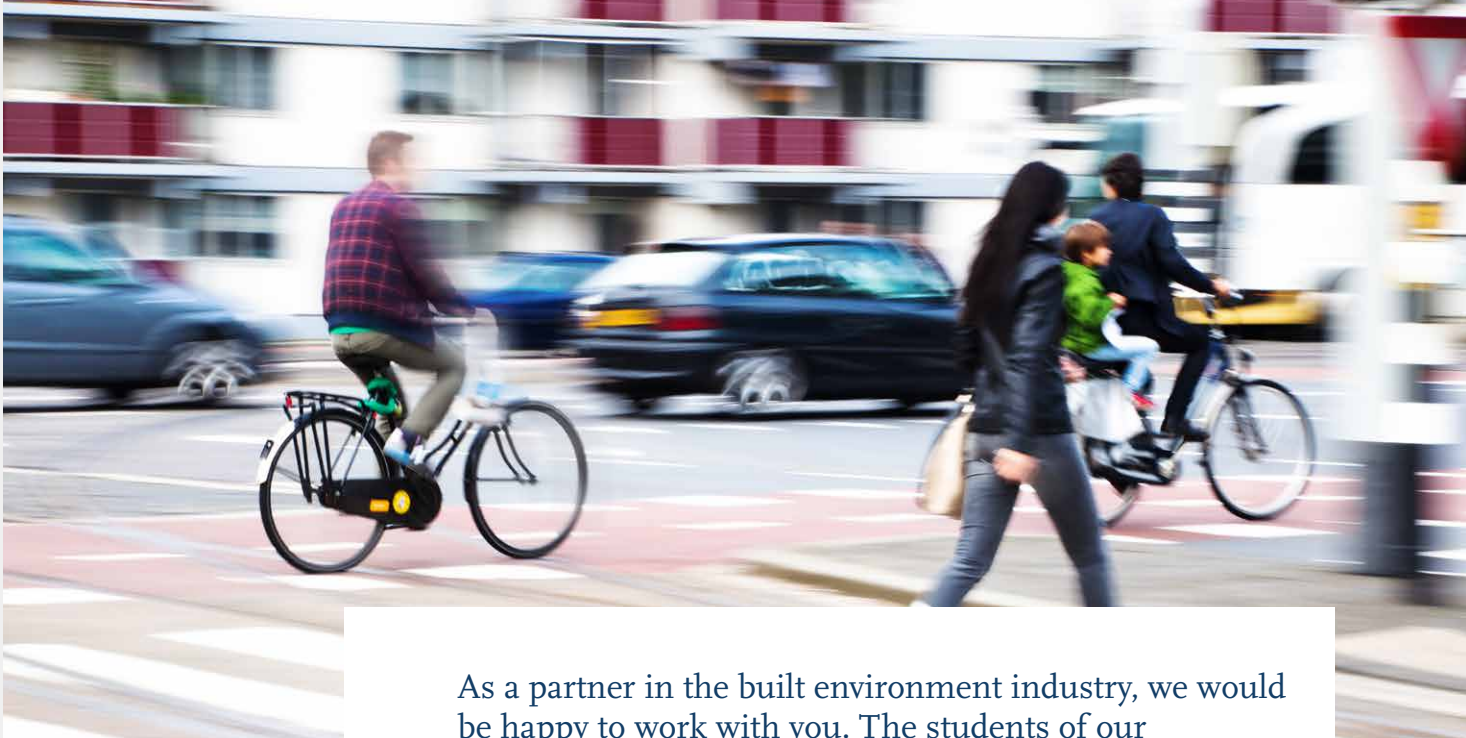


DISCOVER YOUR WORLD

BUas.nl



Breda
University
OF APPLIED SCIENCES



As a partner in the built environment industry, we would be happy to work with you. The students of our professional bachelor's programme of Built Environment can set to work for you on a placement or graduation assignment or another type of practical assignment.

Built Environment

The professional bachelor's programme of Built Environment prepares students for careers in the world of traffic engineering, spatial planning or urban development. The programme has a practical orientation and is delivered by highly qualified lecturers with ample experience in the industry.

In the first year, Built Environment students in the Dutch-taught programme follow a broad-based, joint curriculum. Within this curriculum, students choose a certain study track (differentiation area): Mobility, Spatial Planning or Urban Design. Students can also opt for the English-taught track of International Spatial Development, where all Built Environment disciplines come together in an international context.

Students from the different disciplines work together a lot. This allows them to use each other's knowledge to solve complex issues. Students take part in national and international field trips and work on projects in our design workshops together with consultancy firms as well as provincial and local authorities. In the third year of study, students perform two work placements and they conclude their studies in the fourth year with a graduation research project.

The programme is centred around six themes:

- > Dutch Design
- > Water Management
- > Smart Cities
- > Sustainable Urban Mobility Planning
- > Transformation
- > Energy





PROGRAMME FACTS

- > English and Dutch taught
- > 4 years
- > 2 work placements of 14 weeks each in the third year
- > 17-week graduate research project
- > Degree title: Bachelor of Science
- > Career examples: strategic designer, urban planner, sustainable urban mobility manager, integrative international spatial developer
- > Potential employers: multinationals, small and medium-sized enterprises, government services, housing associations, private developers, design firms, municipalities, water boards, provinces, consultancy agencies, property developers

We are Breda University of Applied Sciences

Some 7,000 students from over 100 countries are studying at our international higher education institute. Our campus is situated in the south of the Netherlands, in the city of Breda, only 100 km from both Amsterdam and Brussels. Our institute, formerly known as NHTV Breda, was founded in 1966 as a provider of bachelor's courses in tourism and leisure, and in this field it is currently the largest and leading education institute in the world. New professional and academic bachelor's and master's programmes have been developed since then. Today we offer degree programmes in the domains of Games, Media, Hotel, Facility, Logistics, Built Environment, Tourism and Leisure & Events.

SPECIALISATIONS OF THE DOMAIN BUILT ENVIRONMENT

 Mobiliteit	 Ruimtelijke ordening en planologie	 Urban Design	 International Spatial Development
<p>In the world of mobility, developments and innovations follow each other in rapid succession. Smart mobility, shared mobility, focus on active modes (cycling and walking), big data, new vehicle technologies and public perception are just a few examples. In our education, we help shape these developments. Moreover, we teach and involve our students in these themes.</p>	<p>In this differentiation area students work on spatial developments in urban areas, while ensuring coordination with stakeholders concerned. Their plans cover both social and technological developments, and they also study trends in the areas of living, working and leisure. Finally, they check everything for financial feasibility as well as for compliance with relevant laws and regulations.</p>	<p>Students learn to create urban designs at different levels of scale for new sustainable urban areas and inner-city redevelopments. Strategic regional design and rural design issues are also included in this differentiation area. Students design and build their scale models in our design studio.</p>	<p>In the International Spatial Development programme students explore spatial development from an integrated perspective, based on urban planning, urban design and mobility – looking across country borders. The programme is centred around six themes: Dutch Design, Sustainable Urban Mobility Planning, Water Management, Transformation, Smart Cities and Energy.</p>



Good to know

- > In our learning community, students, lecturers and industry professionals work together on innovations. We encourage our students to start their own business; a setting in which they may even graduate!
- > For many years, our degree programmes have recorded high scores in Keuzegids HBO, an independent consumer guide that assesses and compares the quality of higher education programmes in the Netherlands.
- > Students work closely together in the international classroom. This cross-cultural approach teaches them to solve complex issues.
- > What's unique about us is that our students – from all years of study – work on issues drawn from professional practice. This means that they are available at short notice and that they handle projects expeditiously.
- > With over 50 years of experience, we have an extensive (international) network. We cooperate with, among others, Rijkswaterstaat (Directorate-General for Public Works and Water Management), Arriva, Vialis, Civitas and Vereniging Deltametropool.

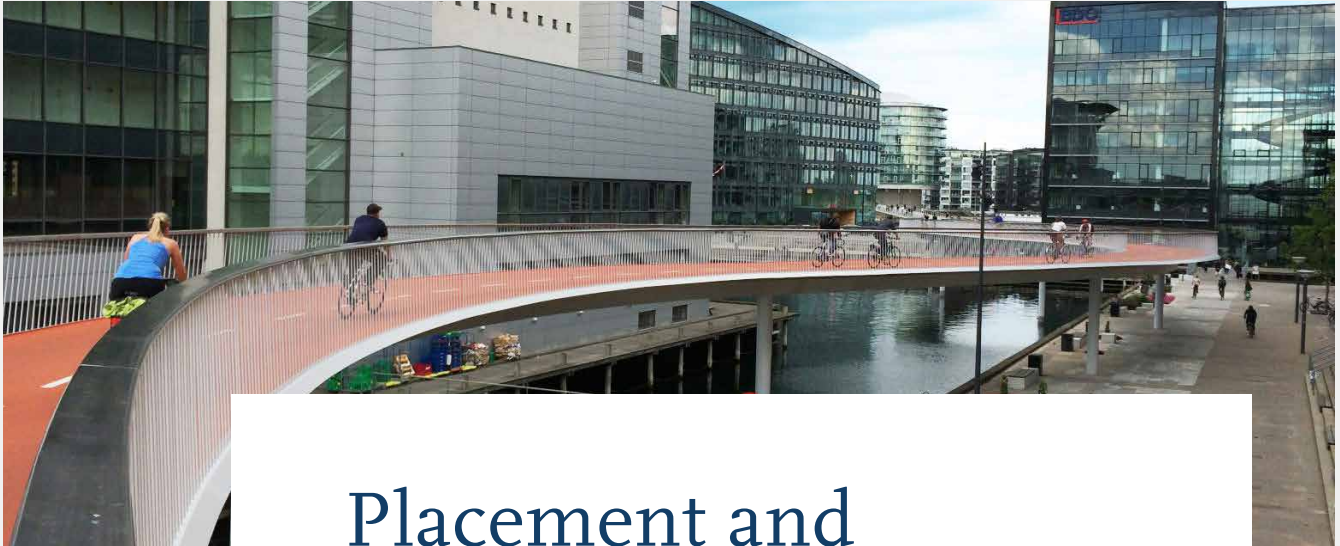


I get to see monkeys clowning around in front of my office



Currently I'm doing a work placement at **RESEARCH & DEVELOPMENT FOUNDATION** of **CEPT UNIVERSITY**, a research hub based in the north-western part of India – Ahmedabad. This research centre plays an important role in shaping national and local policies on human settlements within India. My assignment is on the TOD (Transit Oriented Development) debate in India, which is about planning real estate and mixed-use buildings around public transport points to transform the urban landscape as well as people's habits and create a more liveable environment in busy cities. At CEPT I get the chance to expand my knowledge and I get a glimpse of what the field work here looks like. Plus, I get to see monkeys clowning around in the trees in front of my office during work. Makes everything so much more fun!"

Lisette Kompagne
Student International Spatial Development



Placement and graduation assignment

Are you looking for more integrated and internationally oriented spatial planning practices?

Does your organisation have plans to develop a residential care project for the elderly? Would you like to have a study carried out into the multiple use of space for a specific location? Or are you curious about the effects of parking fees? Our students would be happy to help you. They are trained to become highly qualified professionals in built environment and are keen on acquiring practical experience at home and abroad.

Student availability

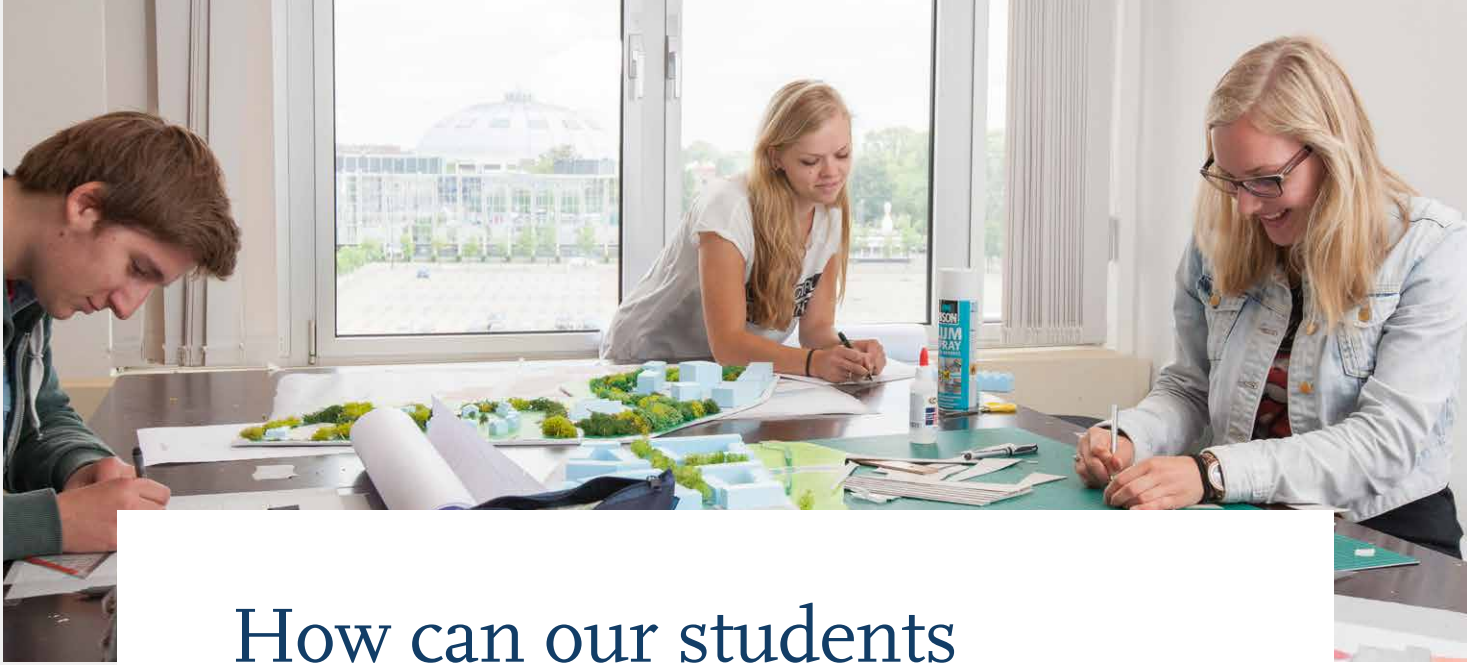
Our students perform two individual work placements, each lasting 14 weeks, in their third year of study. The placements start every year in September and February. In their fourth year of study, students are available from February onwards for a 17-week graduation project. Throughout the various years of study, there are possibilities for our students to carry out practical assignments (cases) for you.

What do our students have to offer?

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

- > be interested in and familiar with your line of business;
- > have topical knowledge relevant to carrying out the assignment or research project;
- > be able to work in a flexible, creative, independent, communicative and solution-oriented manner;
- > have knowledge of English.



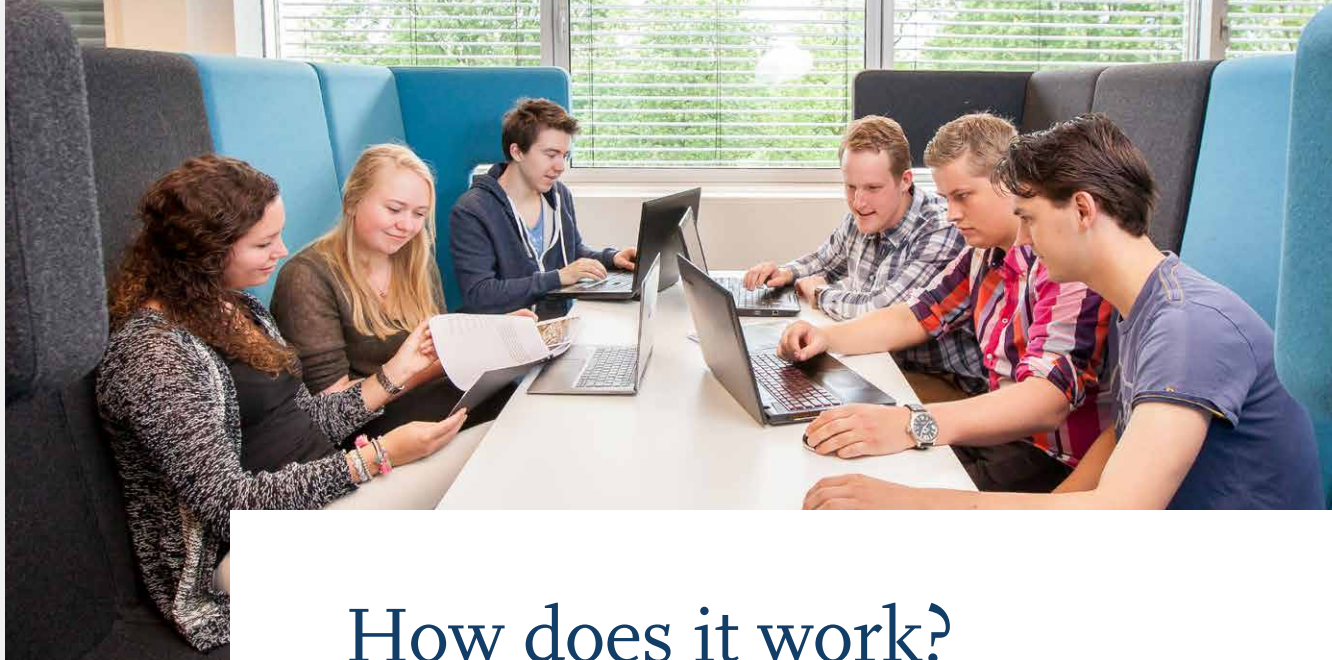


How can our students help you?

To give you an idea of what our students can do for you, we will give you a few examples of workday activities and assignments that students may work on during a work placement or graduation project.

- > Research into the multiple use of railway station locations
- > Restructuring zoning plans
- > Research into inner-city retail trade
- > Research into traffic safety in city and motorway tunnels
- > Satisfaction survey among users of bicycle routes
- > Study into the use of road / motorway traffic signalling
- > Housing corporation policy on independent living with care facilities for elderly people
- > Redevelopment of industrial estates





How does it work?

Work placements and graduation projects: the practical details

Work placements and graduation projects are important components of the study, aimed at giving students the opportunity to apply their acquired knowledge and skills to real-life, professional situations in order to learn from this process.

The student will be supervised by a lecturer or coach. The role of this supervisor comprises, among other things, giving advice to the student and the host organisation about the specific details of the placement and the execution of the assignment, visiting the host organisation, and solving any problems that may arise. The supervisor will also assess the student in terms of the process. In addition, a presentation supervisor will be assigned whose role it is to assess the student's product at the final presentation.

If you are interested in working with our students, please be aware of the following requirements for host companies:

- > The student will work on an assignment or research project for 40 hours a week, on average. Together with the student, you will formulate the objective (the end result) of the assignment.
- > You will appoint a company supervisor for the purpose of introducing the student to your employees, supervising the student's performance and assignments, and having regular progress talks with the student (at least twice). In the case of a graduation project, the company supervisor will also attend the student's final presentation.
- > Your company will be ultimately responsible for the work carried out by the student or students. Placement or graduation reports will not be published if the host company has submitted a written request to this effect, explaining that the student's report contains confidential information.
- > Your company offers a professional workplace and a placement allowance (usually between €300 and €500 per month). The student will be obliged to take out adequate insurance coverage against third-party liability (referred to as 'WA-verzekering' in Dutch), as well as insurance coverage with regard to travelling and accommodation.

How to submit your vacancy

If you have a suitable and challenging placement or graduation assignment, please inform us by submitting your offer via **BEplacements@buas.nl**.

Do you have any questions or would you like to discuss what would best suit your company or assignment? Please feel free to contact us via phone: +31 76 533 2600.





Shaping Society

Possibilities for cooperation apart from work placements and graduation projects

Cooperation with industry partners is essential to our degree programmes in order to keep education up to date and relevant. What's happening in your line of business, what problems are you facing, and what questions do you have? We would be happy to offer you support and work on projects and research together with you. Apart from work placements and graduation projects, we offer other possibilities for cooperation.

Practical assignments

In the second year of study, students work in groups on practical assignments. These assignments involve students solving practical problems, while at the same time learning to harmonise different stakeholder interests and requirements. If you have an interesting assignment, please let us know.

Guest lectures and field trips

Industry input is essential in education. We would like to invite you to present your knowledge and skills to our students in a guest lecture. Demonstrating real-life cases to students gives them an opportunity to test their knowledge against practice. The study programmes of the first and second years contain field trips to domestic as well as foreign destinations. For our students, these trips are an excellent opportunity to get acquainted with your company or organisation.

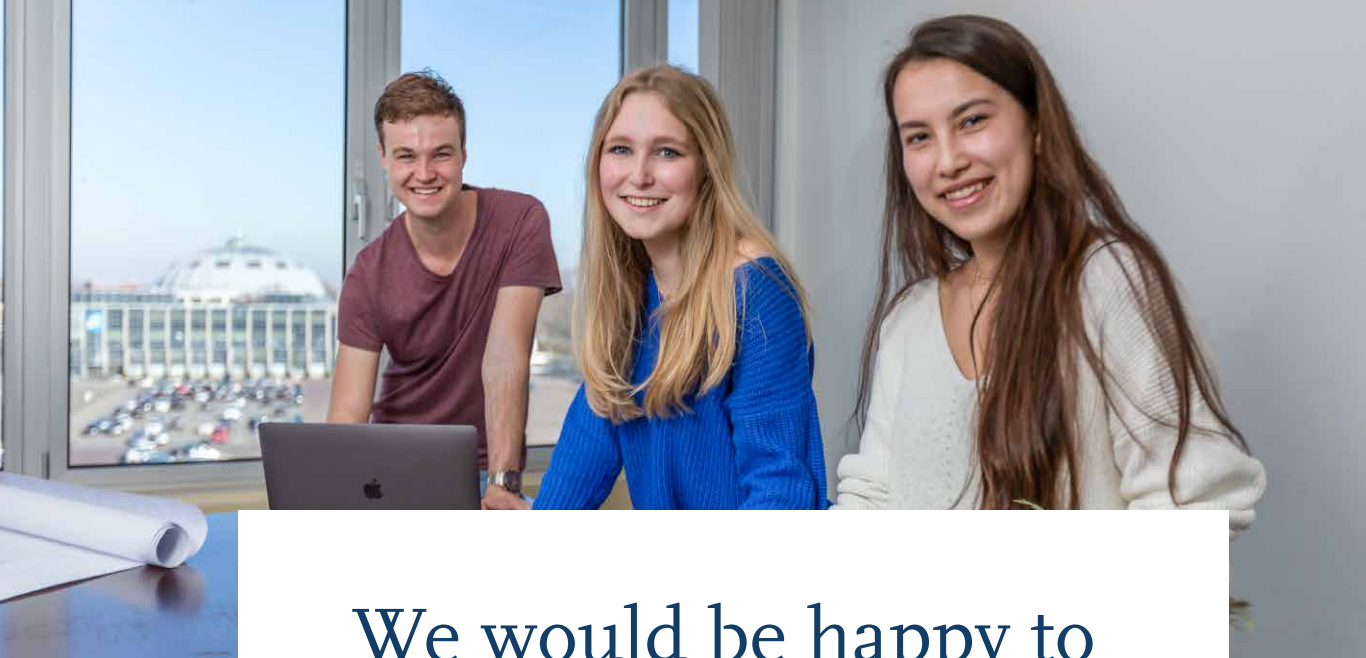
Research

We share existing knowledge and develop new knowledge by giving direction to current issues together with the industry. Research and projects are carried out within the following areas of expertise.

- > Capacity Management
- > Control Towers & Synchromodality
- > Last Mile Logistics
- > Close Loop Supply Chain
- > Transition to Smart Mobility
- > Mobility Management
- > Urban Intelligence
- > Creative City Marketing

In this process, our experts operate on the interface of research and application in professional practice. This means that, together with industry partners, knowledge is transformed into products, services or new business initiatives which, in turn, contribute to the improvement of education.

More information about our knowledge development initiatives can be found at www.shapingsociety.nl.



We would be happy to work for you!

Practical experience is very valuable to us. Do you have an interesting placement position or an intriguing research assignment? We would be happy to work for you!

Mgr. Hopmansstraat 2
4817 JS Breda

P.O. Box 3917
4800 DX Breda
The Netherlands

PHONE

+31 76 533 26 00

E-MAIL

BEplacements@buas.nl

WEBSITE

www.buas.nl

EDITORS

Breda University of Applied Sciences
Marketing and Communication

GRAPHIC DESIGN

Waldo van Bokhoven | BOWfor
Arno van der Linden | BUas

PHOTOGRAPHY

Andy van Tilborg
Jan-Kees de Meester
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