

Sweden

halmstad university



An innovative University where
different perspectives meet.



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You are about to make a choice that is as exciting as it is important – what to study. Perhaps you know exactly what to choose or maybe you have no idea. What we know with certainty is that our society will change in the meantime. Just think of all the previously unimaginable things we do today – from instantly transferring money over the phone, to having a doctor's appointment through your mobile screen, or learning new things on YouTube. Who knows what we will be doing three, five or ten years from now and how it will affect your future occupation?

At Halmstad University, we believe that bringing people from different backgrounds together leads to new and innovative results. When an engineering student works on a task together with a business student, their different points of view will lead to a more creative solution to the problem. That's why we offer several educational programmes where you combine studies in various subjects.

We have lecturers who dare to think outside the box, alternative study environments and high tech labs that help you gain new perspectives – regardless of what you choose to study. No one knows what the future will hold, but we can help you prepare for participating in and further advancing this development.

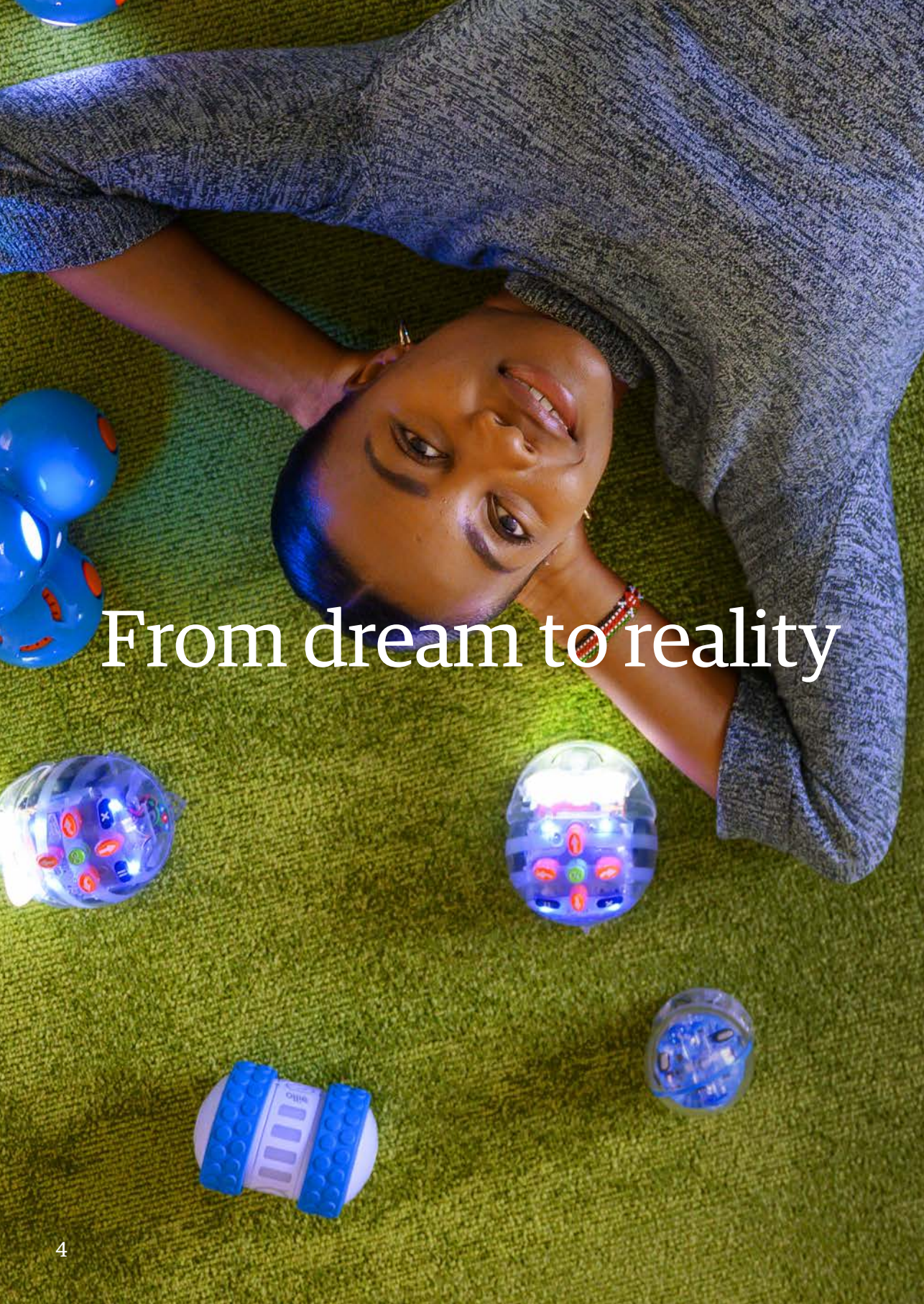
Studying in Sweden and at Halmstad University gives you a head start in the international job market. Here you will receive a modern education, characterised by creativity, gender equality, non-hierarchy and new teaching methods. In Sweden, people are generally very proficient in English, so there is no language barrier to hold you back. Sweden is ranked one of the most innovative countries in the world – and at Halmstad University we place extra emphasis on creating an innovative environment where you are allowed to grow.

Contents

From dream to reality	4–5	A vibrant and inspiring campus	18–19
Why study in Sweden?	6–7	We are here to support you	20–21
Think differently and solve challenges	8–9	Engage and socialise	22–23
Lab environments at the University	10–13	Discover Halmstad	24–25
Boost your career in Sweden	14–15	Find your education	26–27
Our research pushes the boundaries	16–17		



Learn more about studies at Halmstad
University. hh.se/createthefuture



From dream to reality



What does your future look like? What do you plan to do after finishing your studies? At Halmstad University you get the chance to try your wildest ideas! How about developing smart cities and communities where people can live and thrive? Or perhaps finding new ways to improve people's health? No matter what your dreams are, we will help you getting there. Below you can find some of the areas where Halmstad University already is involved in creating a better future.

Welfare for a bright future

In order to create a better future we need to address challenges within health, lifestyle and welfare to find possible solutions which benefit the whole society.

► **Tip!** Master's Programme in Nordic Welfare, 60 credits

Autonomous vehicles

Our research is on top level when it comes to artificial intelligence and autonomous vehicles which communicate with each other in real time.

► **Tip!** Master's Programme in Embedded and Intelligent Systems, 120 credits

Smart cities and communities

One of Halmstad University's profile areas focusing on how to plan a society efficiently through mobility and smart energy solutions.

► **Tip!** Master's programme in Energy Smart Innovation in the Built Environment – 120 credits, Master's Programme in Mechanical Engineering – 60 credits, Master's Programme in Electronics Design – 60 credits

Information Technology

Information technology is present everywhere today, and it will become more important over the years. This is one of the reasons why this subject is key when it comes to research at Halmstad University.

► **Tip!** Master's Programme in Information Technology, 120 credits

Health Innovation and Health Technology

To meet the demand for tomorrow's health care systems we need to look into new ways of working, new products and services where cross-disciplinary innovation is key.

► **Tip!** Exercise Biomedicine - Human Performance, 60 credits, Digital Service Innovation, 120 credits

Collaboration drives innovation

Innovation, entrepreneurship and collaboration is in our DNA and included in everything we do at Halmstad University. Close contact with industry is a driving force towards innovation.

► **Tip!** Master's Programme in Industrial Management and Innovation, 120 credits, Master's Programme in Strategic Entrepreneurship for International Growth – 120 credits

Why study in **Sweden**?

There are many reasons to choose Sweden as your study destination. Below we have listed a few to take into consideration.

- Creativity and critical thinking is key in the Swedish education system. Informal environments promote interaction, discussion and collaboration between students and professors.
- Sweden is one of the most gender-equal countries in the world. This is for example reflected in the Swedish Government which has an equal number of male and female ministers; paid parental leave of up to 16 months that can be shared between the parents and the fact that about 60 % of university undergraduates are women.
- International students who have completed their studies, can get a prolonged residence permit for 6 months to seek employment or examine the possibilities of starting their own business in Sweden.
- Sweden is the birthplace of many world-conquering companies – including IKEA, TetraPak, Volvo, AstraZeneca, H&M and Spotify.
- Sweden is known for its social welfare system that has helped in making Sweden one of the safest, most well-educated countries with a standard of living ranked as one of the best in the world according to the UN Human Poverty Index.



4 reasons to study in Halmstad

1. Close contact with industry is a driving force

Our courses and study programmes are among the best in the country when it comes to collaborating with industry. On several occasions, we have been ranked first in comparisons done by the Confederation of Swedish Enterprise. Your studies will be closely linked to the real practice of your future profession.

2. Short distances between people and places

As a student at a fairly small university you will get more attention. Compared to a large university, we can offer smaller classes and closer contact between students, teaching staff and researchers. You will also experience a close proximity on campus – everything is within reach, whether you want to study, cook or borrow books.

3. An innovative University spirit with an entrepreneurial spirit

Successful research projects as well as entrepreneurs and companies have emerged from the creative environment offered at Halmstad University. Having studied at a university with such a good reputation can become a significant contribution to your future CV.

4. Great location close to metropolitan areas

The University is situated in a prime location, not only in terms of the city of Halmstad, but within the entire region. You can easily travel north to Gothenburg and Stockholm or south towards Malmö and Copenhagen, by train or car – perfect for inter-city connections or for having a weekend adventure.





Do you want to learn to think differently and solve the societal challenges of tomorrow?

We are convinced that the will and courage to change, cooperate and innovate are what drive development forward – for you as a student, for us as a university and for our entire society. There will be plenty of opportunities for you here, in collaboration with others, to challenge old truths and realise fantastic dreams by seeing beyond your own subject area. Does this sound too vague? Join us for our next Hackathon where we solve future societal challenges and you will see what we mean!

Innovation breeds success

It is no coincidence that Halmstad University has become so popular, that our research is internationally recognised and that several successful companies started here. The key is innovation. Here you will find a unique range of courses and programmes, the strength of which lies in the constant development to keep pace with the latest research and in close cooperation with the working world. It will open new doors and prepare you for your future profession.

Get a head start through collaboration

You are now at the very beginning of your career, and by learning early on to think in terms of collaboration, you will gain knowledge and advantages that will benefit you for the rest of your professional life. This practice is ingrained in the walls and is something that your study programme will encourage you to do, regardless of what you choose to study. Some examples of collaboration that benefit our students are the multi-disciplinary projects, internships, mentoring programmes, visiting lectures, and degree and thesis projects carried out locally and globally.

The most important thing? The quality of your education!

However good the University, the city and leisure activities may be, your decision should primarily

be based on the education itself. Studying is a major and important investment in you and our future society – therefore, it is important that the education is of high quality. Perhaps you're thinking “but how am I supposed to know?” In addition to all the high rankings and awards that the University and our study programmes and courses have received over the years, you can see all of the qualifications of our lecturers and professors in the digital staff directory on hh.se.

Hackathon – for solving important societal challenges

Innovation Week at Halmstad University features an event known as Hackathon. It consists of 48 hours of intense problemsolving with the goal of finding future ways of addressing our societal challenges. In the 2019 edition, students, researchers and entrepreneurs were given the task to develop creative ways of turning the city of Halmstad into a smart city.



Test, try, experiment - or just hang out in our high technology lab environments

Halmstad University has several top modern laboratories where education as well as research takes place in adjusted environments. The labs are used by students as well as teachers, researchers and our collaboration partners. In addition to being invaluable in connection to graduation projects and research tests, the labs are also great study areas whenever you want to work together and get inspired in a creative environment.

DLC

The Digital Laboratory Centre (DLC) is a creative, high-tech laboratory environment focusing on learning and culture. DLC is intended for researchers, teaching staff, students, organisations and companies, and is a regional meeting place at the forefront of digital society. At DLC, you will find the latest equipment in visualisation, simulation and design – technology that creates opportunities for new and visual ways of communicating complex or abstract information. There is also VR equipment, digital lab environments, a creativity space and a communications studio.

DLC is used in education, research and development projects, and serves as a 'makerspace' – a workshop-like environment that encourages sharing of knowledge, tools and ideas. The physical environment of DLC is also designed to promote creativity and offer flexible ways of meeting and communicating, as well as space for both digital and analogue creation.

E-sports lab

The E-sports lab is the University's newest lab. E-sport is growing rapidly in Sweden and in the rest of the world and many young people define themselves as gamers and e-sports professionals. The lab is used by both students, researchers and external organisations and is used especially by sports psy-

chologists for studies on how physical ability affects the well-being and performance of e-sport practitioners. Also other research, related to teaching, digitalisation and social change, which are crucial aspects of e-sports culture, can be studied here by University researchers. The E-sports lab is part of the Digital Laboratory Center.

Health Lab

New knowledge of people, technology and society enables the creation of innovative working methods for communication, counselling, examination, treatment and training. Health Lab offers advanced opportunities to train the skills and develop the technology needed in future healthcare.

The lab houses, among other things, the Home of Health (Hälsans hem) – a complete two-bedroom apartment for simulation and practice of professional skills in healthcare. At the Health Lab, you will also find the Health Centre (Hälsocentralen) – a new type of healthcare clinic where researchers and students from the nursing or health education programmes, for example, can develop new forms of reception. The lab is also an environment where innovative solutions for everything from elite athletes to rehabilitation are developed.



Electronics Centre in Halmstad

The potential growth of the electronics field is huge. Electronics Centre in Halmstad (ECH) is an innovation arena created by Halmstad University in collaboration with regional companies. The focus of ECH is integration of electronics in everyday products to make them 'smart', which provides substantial added value and competitive advantages, and represents an important innovation potential of the traditional Swedish manufacturing industry.

Applied research, innovation and knowledge building in the field of electronics integration is a prerequisite to become successful within the global ecosystem that is emerging around these new 'smart' products. Identified research subjects in focus at ECH are next generation electronic building practice, electromagnetic compatibility (EMC) and low power design. A multidisciplinary collaboration with for example Health Technology Centre (HTC) will enable interesting and potentially ground-breaking intellectual combinations leading to new research as well as to development of innovative education programmes.

Rydberg Core Laboratory

The Rydberg Core Laboratory (RCL) is an interdisciplinary laboratory at Halmstad University used by both students, teachers, researchers, companies and external organisations. Research conducted at the laboratory includes the natural sciences, associated applied sciences and maths.

RCL is made up of several smaller units, the Environmental Sciences Lab, Movement Lab, Energy Lab, Microscopy Lab, Photonics Lab, Mechanics Lab, Tribology Lab, and Fab Lab. Basic and applied research are carried out here, often in collaboration with partners from industry and wider society. All together, these environments are important resources for both students, teachers and researchers, as well as the University's collaboration partners. By using RCL, innovative experiments and projects can be conducted in a stimulating and modern environment.

Fab Lab

Digital production is fundamentally changing the industrial landscape. 3D technology is therefore of great significance in terms of regeneration opportunities for established companies, the formation of new companies and novel ways to produce products. Fab Lab Halmstad is part of a global network and an accredited affiliate of the Massachusetts Institute of Technology, MIT. The prototype workshop is a creative environment and resource for several of the University's engineering programmes and research in the field. The workshop has everything from 3D printers, 3D scanning equipment and laser cutters to computerised embroidery machines.

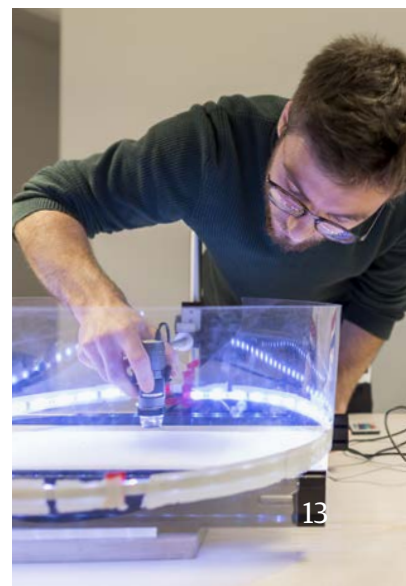
Health Technology Centre

Health Technology Centre (HTC) Halland is a space for health innovation. Companies and organisations within the healthcare sector work with our students and researchers to develop products and services for the future healthcare industry. We live in a fast-paced society where technology changes the way we work very quickly. This gives us great opportunities to create sustainable solutions for our future societies.

Students are an important part of the HTC testing environment. They are often part of different development projects and many of them choose to do their graduation projects within health innovation.

Innovation Lab

Innovation Lab connects students, researchers, companies and organisations. As a student you get the opportunity to participate in real research projects, perhaps as part of your thesis work or just because you have passion for a certain subject. You will get together with people from different subject areas and from all corners of the globe to create innovation which makes a difference!



Boost your career in Sweden

By taking part in the Student Experience and Employability Programme (SEEP) you will create a unique opportunity to prepare yourself for a future career in Sweden by learning the language, understanding the working culture, preparing an attractive CV and expanding your network with local employers and university partners. In addition to this, you will connect with like-minded international students which will further enhance your student experience at Halmstad University.

SEEP is an extracurricular programme and the sessions included will take place during late afternoons, evenings and occasionally on weekends. The programme is divided into several sessions dealing with specific topics in different periods throughout the academic year. At the end of the programme you will be fully equipped with tools to find your own internship in the direction of your future career.



Learn more about the Student and Experience Programme: hh.se/seep

Reasons to join the Student Experience and Employability Programme

- Increase the prospect of finding a job in Sweden
- Learn Swedish to boost your chances and networking opportunities
- Understand the Swedish culture, traditions and norms at the workplace
- Build a network of young professionals as well as company representatives
- Get a toolbox to build your own capacity and successful career



HIGH FIVE STUDENT

Plant a seed and grow your own successful com- pany

Do you have an idea but don't know how to proceed? Is the thought of starting your own business something that excites you? You're not alone! Whatever your idea may be, the staff at the University's High5 Student incubator can help you – for free! The incubator gives you the opportunity to develop your business idea during your time of study – perhaps by the time you graduate you will have become your own employer!

High5 Student offers coaching, office space in a pleasant environment, networks and a business start-up course. Everyone is welcome, regardless of whether your idea involves a product, service, concept or something else. Your idea does not necessarily need to be within your field of study – it may be a hobby of yours or an everyday problem that you want to solve.

Our research pushes the boundaries

Get close to exciting research that pushes the boundaries of knowledge on the most important issues of today and for the future. Our researchers and professors are unique in that practically all of them actively teach. That gives you direct access to the latest developments in your area. And our practical approach to research and close collaboration with businesses let you test your ideas for real during your studies.

Three key areas of focus

Halmstad University conducts education and research in a wide range of areas, such as Engineering, Nursing, Humanities, Health, Social Sciences, Education, Natural Science and Economics. We have three key areas where we are particularly strong and where we conduct education at Master and Doctoral level:

1 Information Technology – our postgraduate degrees and research in Information Technology enable progress within many areas, such as biomechanics, traffic and transport, environment, energy, health and communication. Our research on Artificial Intelligence (AI) is something we are particularly known for, even internationally.

2 Innovation Science – we are the first and only university in Sweden to offer postgraduate degrees in this area. Innovation Science studies how internal and external conditions affect innovation processes and how ideas succeed in the market. The research focuses on, among other things, entrepreneurship, innovation, social changes, environment and leadership.

3 Health and Lifestyle – our postgraduate studies and research in Health and Lifestyle are multidisciplinary and focus on improving people's quality of life. This implies not only welfare and lifestyle, but also education, disability studies, psychology, sociology, sport, nursing and healthcare.



Read more about the research at Halmstad University: www.hh.se/research



Research career?

Doctoral education

Halmstad University has the right to award doctorates in three different areas: Information Technology, Innovation Sciences and Health and Lifestyle. In other areas, doctoral education is conducted with support of strategic collaboration agreements with other colleges and universities. At Halmstad University, there are about 100 doctoral students in a variety of subjects/fields.

More about doctoral education at Halmstad University: hh.se/doctoraleducation

Doctoral student

As a doctoral student, the student is engaged in doctoral education with the aim of resulting in a Doctoral and/or Licentiate degree. The Licentiate degree is an independent exam or a recognised level leading to a doctoral degree, and normally requires two years of full-time studies. Obtaining a doctoral degree requires four years of full-time studies. For some, it may take longer to complete the education, since doctoral students sometimes also take part in other work at the university, such as teaching.

Doctoral positions are usually offered as paid positions by universities or external funding bodies. This means that if you are offered a position as Doctoral candidate, you will not pay fees and will receive a monthly salary.

More about doctoral studies in Sweden: www.studera.nu/doctoralstudies

A vibrant and inspiring campus

A photograph of a modern university interior. In the foreground, a woman in a black jacket and pants walks towards the left. In the center, a person wearing a cap and jacket sits on a grey bench, looking at a laptop. To the right, two women in black clothing are walking up a wide staircase with wooden steps and glass railings. The background shows a large, bright atrium with a potted plant and a sign that says 'LABORATORY'.

Welcome to campus! We are quite confident that you are going to like it here.

Halmstad University's campus is a vibrant place where you can meet with your classmates and teachers in an inspiring environment. As a student, you never have to run around town to go from one lecture to the next as all lecture halls are located within the campus area. This makes it easier to get in contact with students from other programmes, teachers and other University staff.

In all of our buildings there is plenty of space to study or to socialise, and you can find almost everything you need close at hand, such as lecture halls, study places, cafés, restaurants, a grocery store and sports facilities. Students have access to well-equipped computer rooms and lab environments used both for teaching and research.



We are very proud of our campus and are always looking for new ways to develop the area. Recently we opened up the latest addition, the S building, which is a popular spot for students to hang out in, due to its futuristic design and many comfortable study places. In the upcoming years, we plan to build a new centre for innovation and innovation experi-

mentation, new student accommodations and green parks to hang out in. All of this to make sure you will have a great student experience with us at Halmstad University.

We are here to support you!

Our goal is to make your student experience as good as possible and for you to complete your studies. That is why we always have someone you can turn to if you need help during your studies. Our support functions are there to guide you with anything from questions concerning your health and well-being to study techniques, future career choices and finding the right course literature.

Student Healthcare Centre

The Student Healthcare Centre is staffed with certified nurses and health counsellors that you can turn to if you have any concerns regarding your health or study situation. The healthcare centre is LGBT-QI-licensed and you can expect to be well taken care of, no matter what you need support with.

Study Support Centre

The Study Support Centre gives you advice if you want to achieve better study results. You can get help with developing your study technique, working on your presentation skills or getting tips on academic writing from a language supervisor.

University Library

At the University Library you can find books for both your studies and private use, but the staff can also help you with reference citing and search functions for scientific articles and course literature.

Service Center

You can turn to Service Center to get answers to most questions regarding the University and your studies. Visit them if you need help with finding a specific room or building on campus or if you need an access card or signed certificate.

Study and Career Guidance

Do you have any questions or concerns about your studies and future career? Our study and career counsellors are available for you whenever you want to discuss your study plan or career choices.

Disability and Learning Support

If you have a disability that affects your studies, you can apply for adjusted study support during your studies and examinations.

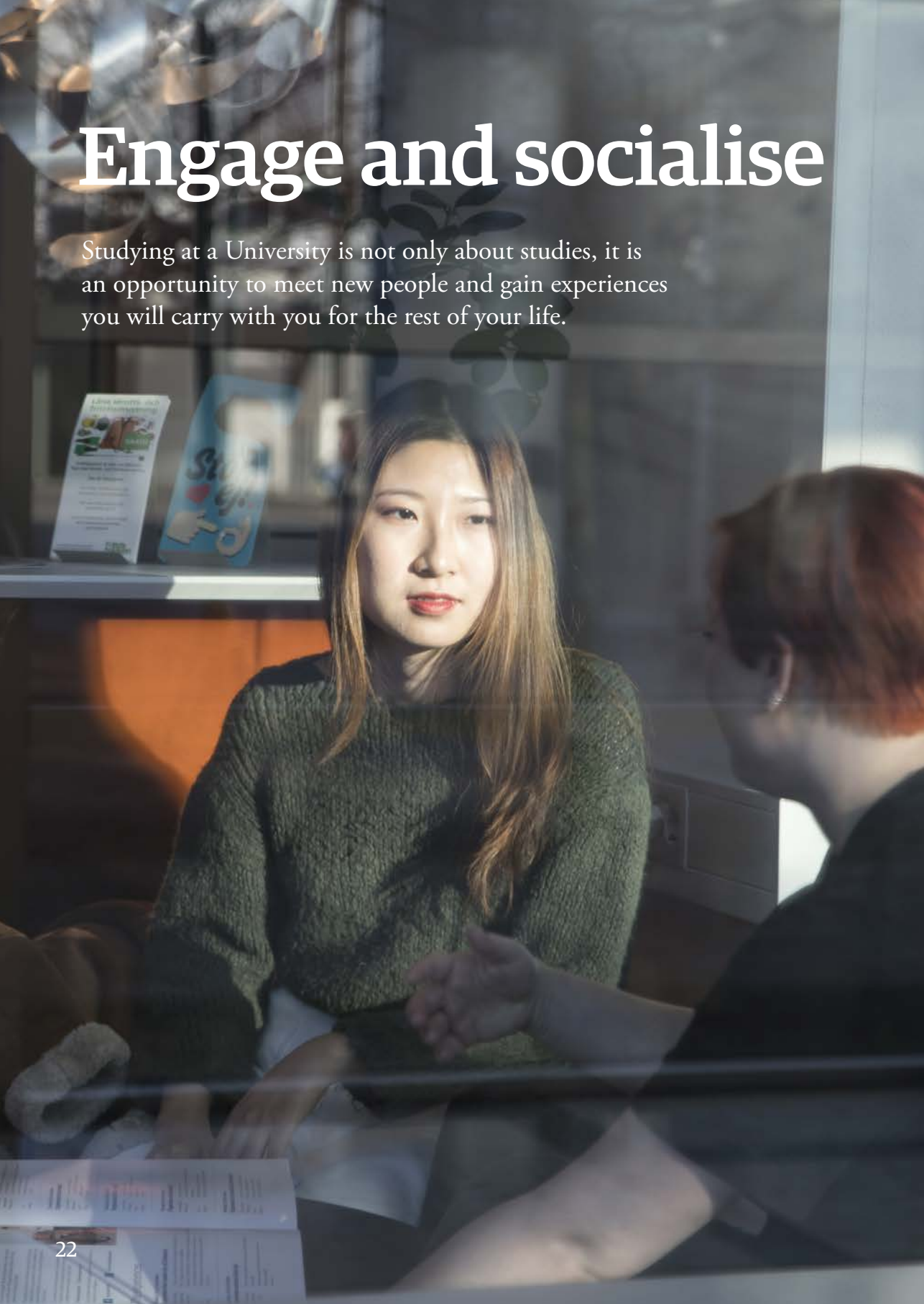
Student and doctoral representative

Via the Student Union, you can contact the Student and doctoral representative if you experience problems related to your studies or your study situation. The representative can help you if you for example have been treated unfairly or have concerns about the working environment at the University.



Engage and socialise

Studying at a University is not only about studies, it is an opportunity to meet new people and gain experiences you will carry with you for the rest of your life.



Halmstad University offers a wide range of social activities to engage in during your study time, and we strongly encourage you to do so. Getting involved in extra-curricular activities does not only lead to new friendships but is also a valuable addition to your resume, as you are building your future career.

The Student Union

Joining the Student Union is one way to make a difference and influence your studies. The Student Union is divided into two main areas. One focuses on education and motivation and the other on study-social activities.

If you are interested in monitoring the education you can sign up to become a student representative, where you are involved in evaluation and development of the courses you are taking.

If you are more interested in the study-social activities, you can join the University Friendship Organisation (UFO), a Student Union-based

group organising events and activities for international students. UFO is also in charge of the buddy programme where students can sign up to be matched with a student with a different nationality to exchange cultural knowledge and language skills.

Student Associations

Many of our students are involved in a student association based on their interests. Halmstad University is characterised by an entrepreneurial spirit which is reflected in the amount of student associations and groups available for students to join. Whether you are interested in singing in a choir, playing floorball or developing new innovations, you will be able to find like-minded students to hang out with. If you cannot find a group within your field of interest, you can always start a new one. The opportunities are endless as long as you bring the engagement.



Discover Halmstad

Halmstad is a big little city. It combines the best qualities of a small town with the vibrance of a bigger city. You can enjoy a balanced lifestyle with a mix of cultural events and relaxation in untouched nature.

Hungry?

Halmstad's dining scene offers you a wide range of cafés and restaurants including gourmet, organic, veggie and ethnic, to satisfy your hunger and your wallet.

Shopping

Halmstad is full of small, exclusive fashion and lifestyle shops and great second hand shopping, in addition to all the major high street chains.

Norre Port

The North Gate is one of Sweden's few preserved city gates, and one of many reminders of Halmstad's history that you'll discover on a walk through the city centre.

Socialise

Students gather at the many local cafés, pubs and nightclubs to connect and listen to live music and great DJs. And summertime means trendy nightclubs and outdoor concerts at Tylösand.

Enjoy the outdoors

With plenty of seaside and riverside parks and trails, as well as a beech forest and panoramic viewpoints on Galgberget hill, Halmstad offers you plenty of green spaces for walking, biking, picnicking and relaxing.

What's up?

At destinationhalmstad.se/english you can find out what is going on around town, be it sports, music, theatre, exhibitions or fairs.

The Castle

Take a stroll alongside river Nissan to admire the iconic Halmstad Castle, which was built in the 17th century.

Sandy Beaches

Discover your favourite among Halmstad's 22 beaches on our 40-kilometre stretch of coastline. Enjoy saltwater swimming, sea kayaking, windsurfing and fishing from Tönnersa in the south to Steninge in the north.

Setting the tone

Sweden is the world's biggest exporter of pop music in relation to GDP. ABBA, Swedish House Mafia, Robyn and Avicii – there always seems to be at least one Swedish act at the top. Many years ago, Gyllene Tider and Roxette put Halmstad on the musical map of the world. Now artists such as Linnea Henriksson, Basshunter, Linnea Olsson and Mariette Hansson are about to do the same thing.

Music, Theatre, Film, Poetry and Art

Halmstad offers a flourishing cultural scene. You will find active cultural societies depending on your interests, and the city's galleries, museums and libraries make sure that there is always something going on. At the city's night-time venues you can enjoy live music, stand-up comedy, poetry slams and other entertainment.

Take the Bike

With over 200 kilometers of bicycle paths around the entire municipality, Halmstad is one of the most bicycle-friendly cities in Sweden. It's an easy decision choosing to ride your bike, whether you are going somewhere within the city centre or beyond.



Learn more about Halmstad as a student city: Destinationhalmstad.se



Find your education

Do you want to work with technical solutions based on artificial intelligence or learn more about cyber security? Or perhaps you want to develop new digital services or plan for a more energy smart society? At Halmstad University, we offer a wide range of Master's Programmes that will prepare you for the future.



- ▶ Master's Programme in Digital Service Innovation 120 credits
 - ▶ Master's Programme in Embedded and Intelligent Systems 120 credits
 - ▶ Master's Programme in Energy Smart Innovation in the Built Environment 120 credits
 - ▶ Master's Programme in Exercise Biomedicine – Health and Performance 60 credits
 - ▶ Master's Programme in Electronics Design 60 credits
 - ▶ Master's Programme in Industrial Management and Innovation 120 credits
 - ▶ Master's Programme in Information Technology 120 credits
 - ▶ Master's Programme in Mechanical Engineering 60 credits
 - ▶ Master's Programme in Network Forensics 60 credits
 - ▶ Master's Programme in Strategic Entrepreneurship for International Growth 120 credits
 - ▶ Master's Programme in Nordic Welfare 60 credits
-
- ▶ Course package basic level: Network design and Computer Management 60 credits
 - ▶ Course package basic level: Network Security and Advanced Internetworking 30 credits
 - ▶ Course package basic level: Media, Communication and Lifestyle 30 credits
 - ▶ Course package advanced level: Research and Applied Work in Sport and Exercise Psychology 60 credits

Please note that above programmes and courses might be subject to change.



See the latest information about our programmes and courses for international students on **hh.se**



See our available exchange courses on **hh.se**



Do you want to know more about what is going on?

Follow our official Facebook page [@HalmstadUniversity](#) and become a member of our Facebook group [@International Students at Halmstad University](#)

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