



# YOU'RE THE SOLUTION FOR A SUSTAINABLE FUTURE



**Algeas** - healthy, protein-rich and environmentally friendly!  
And trendy! First we need to learn to refine them.  
A research team at Chalmers is trying to find energy-smart, efficient  
and sustainable ways to get the proteins out of the algeas.

## The technology of today and tomorrow won't be developed in solitude. It is and will be, carried out in collaborative research, in teams with a broad international set-up.

At Chalmers University of Technology we have approximately 1,000 international Master's students. With teachers and students from various cultural backgrounds, the whole experience is designed to broaden your horizons and provide access to a greater network.

Here you will learn to think independently and to meet future challenges with the help of engineering methods. We emphasise your creativity and we believe in the necessity of free thinking, so that you can be sure that you are able to test your own ideas for real. To facilitate an open environment and a close cooperation between students and teachers we pursue a truly informal atmosphere.

All teaching is in English and through project-based assignments we provide hands-on experience of teamwork in everything from planning and organising to meeting deadlines and presenting results.

Through these projects you also learn to apply your theoretical knowledge to tackle complex problems – a necessary approach to real-life situations. Chalmers occupies a prominent international position in research and education in engineering for sustainable development. This means we play a key role in finding solutions to some of today's urgent and complex global environmental and resource problems. Sustainable development is a key part of all programmes.



Poornima Joshi  
– Alumna – MSc Software Engineering

“After my studies, I got employed at Opera Software AS which I also found through the career fair called CHARM at Chalmers. Most employees at Opera have also graduated from Chalmers. The Chalmers culture exists even at the company which according to me was a key factor to have been employed here. The education I received has complemented me to perform well as a professional at Opera.”

We have established a clear link between the Master's programmes, our research and the industry. Your teachers are active in research projects which means that you as a student will be close to the latest findings within your field. During your studies you will meet guest speakers from the industry and visit relevant working environments, bringing you closer to real-life settings. There are many opportunities for you to do your Master's thesis in close cooperation with the industry or a research team at the university.



“I studied the master's in Entrepreneurship and Business Design, where I had the opportunity to create a Start-up. Thanks to Chalmers and the education I received, my team won the award for Best Start-up of the year in the business incubator at Chalmers. Today I continue working with my Start-up as CTO, where I test everything learned in business and engineering during my time at Chalmers.”



“ I was awarded the Swedish Institute scholarship after being admitted at Chalmers University of Technology. The scholarship is considered to be very competitive and applicants have to show their academic and social excellence. The Swedish Institute had gathered students from different backgrounds, studies, and cultures from all over the world. I am glad I was given the opportunity to study at Chalmers, meet people and build bridges between continents. ”



Khaled Alaydi  
 – Swedish Institute Scholarship Winner  
 – MSc. Infrastructure and Environmental Engineering



## SCHOLARSHIPS

Scholarships are a great source of funding for Master's students who are liable to pay tuition fees. Chalmers University of Technology offers numerous scholarship opportunities. Some of these are administered by the university itself and others by external institutions.

They cover 75-100% of the tuition fee and some even include a travel grant and cover the cost of living.  
[www.chalmers.se/scholarships](http://www.chalmers.se/scholarships)

## EMPLOYABILITY

A Chalmers degree will make you attractive in the global labour market. Many of our students receive job offers even before completing their education. There are also a number of students who start their own ventures and enterprises, often with support from our top ranked business incubator: Chalmers Ventures. This is a not so surprising step considering our close cooperation with the business and industrial community throughout the different master's programmes.

Joseph Chamochoombi  
 – MSc – Entrepreneurship and Business Design  
 – CTO Enatics Sports



## CHALMERS UNIVERSITY OF TECHNOLOGY

- Founded: 1829, in Gothenburg, Sweden
- Full-time students: 11 000
- Master's students: 3 000
- International Master's students: 1 000
- Ranked among (QS World University Rankings by Subject, 2016): the top 100 universities in the world within:
  - Architecture/Built Environment
  - Civil and Structural Engineering
  - Electrical and Electronic Engineering

### DOUBLE MASTER'S DEGREE

Chalmers has agreements with other universities in the world, making it possible for students to graduate with a double Master's degree. Double degree students take the first year at Chalmers and the second year at one of our partner universities, including project work. When the project is concluded, the student will be awarded two Master's degrees – one from each university.

### PHD

- Full-time paid position during PhD
- Develop your own scientific concepts
- Teach at undergraduate level
- Get tuition in generic and professional skills  
[www.chalmers.se/masters](http://www.chalmers.se/masters)

## GOTHENBURG

- City founded: 1621
- Inhabitants: approximately 540 000, 2nd largest city in Sweden
- Largest private companies: Volvo Cars, Volvo Trucks, SKF, Volvo Info Technology, Ericsson
- Green space per citizen: 175m<sup>2</sup>
- Airport: Landvetter
- Public transport trams: more than 240
- Public transport ferries: 9
- Bicycle lanes: 800 km  
[www.studentgoteborg.com](http://www.studentgoteborg.com)

## SWEDEN

- Capital: Stockholm
- Inhabitants: 9.8 million
- Length from North to South: 1 574 km
- Currency: Swedish krona (SEK)
- Recycled household waste: 99%
- Swedish companies: Ericsson, Volvo, Electrolux, SKF, Sandvik, Atlas Copco, IKEA and H&M
- Global competitiveness index 2016: 9th in the world
- Global creativity index 2015: 7th in the world
- Global innovation index 2016: 2nd in the world  
[www.studyinsweden.se](http://www.studyinsweden.se)

# APPLICATION

The application for a Master's programme at Chalmers needs to be submitted through the Swedish national application website: [www.universityadmissions.se](http://www.universityadmissions.se)

## APPLICATION TIMELINE

### OCTOBER

Application starts (online).

### JANUARY

Application deadline for Master's programmes.  
Application deadline for Scholarships.

### FEBRUARY

Deadline for receipt of supporting documents for all applicants, and receipt of application fee if required.

### MARCH

First notification of selection results – Reply required!

### APRIL

Deadline for response to your offer  
Second notification of selection results – No reply required.

### AUGUST/SEPTEMBER

The academic year starts.

## GENERAL ENTRY REQUIREMENTS

A Bachelor's degree or ongoing studies, with a Major in Science/Engineering/Architecture.

Exception: the Master's programme in Entrepreneurship and Business Design.

### Proof of English language proficiency

- IELTS (academic training), 6.5 (with no part of the test below 5.5)
- TOEFL (paper based): 575 (with a minimum of 4.5 on the written part)
- TOEFL (Internet based): 90 (with a minimum of 20 on the written part)

## SPECIFIC ENTRY REQUIREMENTS

All applicants must meet the programme-specific requirements.

## FEES

### Non-EU/EEA Applicants

Application fee: SEK 900.

Tuition fee: SEK 140 000/year, except for programmes within Architecture. The tuition fee for Architecture and Urban Design; Design for Sustainable Development is SEK 190 000/year.

### EU/EEA Applicants

Students who are EU/EEA or Swiss citizens are exempted from paying tuition and application fees.

## SCHOLARSHIPS

Chalmers offers several scholarships for international fee-paying Master's students, awarded on the basis of academic excellence.

[www.chalmers.se/scholarships](http://www.chalmers.se/scholarships)

## COST OF LIVING

7 974 SEK/month – Required for obtaining a residence permit.

## CONTACT

If you have questions about how to apply; please contact [admissions@chalmers.se](mailto:admissions@chalmers.se)

# MASTER'S PROGRAMMES

TOUGHT IN ENGLISH, 2 YEARS, 120 CREDITS

## ARCHITECTURE

Architecture and Urban Design  
Design for Sustainable Development

## CIVIL ENGINEERING

Design and Construction Project Management  
Infrastructure and Environmental Engineering  
International Project Management  
Sound and Vibration  
Structural Engineering and Building Technology

## BIOTECHNOLOGY & CHEMICAL ENGINEERING

Biotechnology  
Innovative and Sustainable Chemical Engineering  
Materials Chemistry

## COMPUTER SCIENCE AND ENGINEERING & ELECTRICAL ENGINEERING

Biomedical Engineering  
Communication Engineering  
Computer Science – Algorithms, Languages and Logic  
Computer Systems and Networks  
Electric Power Engineering  
Embedded Electronic System Design  
Interaction Design and Technologies  
Software Engineering  
Wireless, Photonics and Space Engineering

## ENGINEERING FOR SUSTAINABLE DEVELOPMENT

Industrial Ecology  
Sustainable Energy Systems

## ENGINEERING PHYSICS, MATHEMATICS

Applied Physics  
Complex Adaptive Systems  
Engineering Mathematics and Computational Science  
Nanotechnology  
Nuclear Science and Technology  
Physics and Astronomy

## MANAGEMENT OF INNOVATION AND TECHNOLOGY

Entrepreneurship and Business Design  
Management and Economics of Innovation  
Quality and Operations Management  
Supply Chain Management

## MECHANICAL, AUTOMATION AND INDUSTRIAL DESIGN ENGINEERING

Applied Mechanics  
Automotive Engineering  
Industrial Design Engineering  
Materials Engineering  
Production Engineering  
Product Development  
Systems, Control and Mechatronics

## MARITIME AND NAVAL ENGINEERING

Maritime Management  
Naval Architecture and Ocean Engineering

## NORDIC FIVE TECH JOINT MASTER'S PROGRAMMES

Cold Climate Engineering  
Environmental Engineering  
Innovative Sustainable Energy Engineering  
Maritime Engineering  
Polymer Technology

## READ MORE AT



[www.chalmers.se/masters](http://www.chalmers.se/masters)

## GET IN TOUCH WITH US



[www.chalmers.se/signup](http://www.chalmers.se/signup)



[nextstop@chalmers.se](mailto:nextstop@chalmers.se)

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