

STUDY IN SØNDERBORG

SDU 
University of
Southern Denmark

JOIN THE INTERNATIONAL CAMPUS



MAGAZINE
ENGINEERING / BUSINESS / SOCIAL SCIENCES / LANGUAGES
UNIVERSITY OF SOUTHERN DENMARK



Content

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Coordination:

Signe Lund, SDU

Editor:

Sune Holst, SDU

Layout:

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Welcome to SDU Sønderborg



We are happy and proud to present our campus to you. One of SDUs 6 campuses, SDU Sønderborg is located in scenic and historic surroundings with views to both Alsund and Sønderborg Castle. The university's more than 1,000 students are just a short walk away from cafes, water, beach and forest. SDU Sønderborg is part of the impressive and state-of-the-art building Alision, which, besides the university, houses Videnspark Alision, Business Academy Southwest, a concert hall and the Southern Denmark Philharmonic Orchestra.

While the physical setting is important, the academic content is naturally the essence of life as a student at SDU Sønderborg. We offer a unique international environment with researchers and students from more than 50 countries at three faculties.

The university offers state-of-the-art classrooms and laboratories, including a semiconductor Clean Room, unique Roll-to-Roll printing facilities, our CIE lab building with an EMC laboratory and an Ion microscope, which is not only crucial to SDU Sønderborg, but also to the industry in the Danish-German border region.

Cooperation with the region's companies is of great importance to SDU Sønderborg. The close cooperation with industry means that graduates from our educational programmes are in possession of exactly the skills that businesses seek. An example of the companies' involvement in SDU Sønderborg is the newly established Centre for Industrial Electronics (CIE), which is a unique collaboration between public and private companies, including Danfoss, Linak, the Region and Sønderborg Municipality.

The centre provides the foundation for new research and innovation environments as well as new engineering courses at SDU in Sønderborg. Our vision is a harbour campus where companies and SDU Sønderborg together shape innovation in the region.

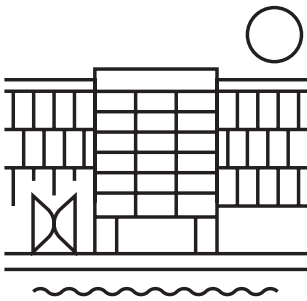
In this magazine you can read more about SDU Sønderborg, and who is better at this than the students themselves? Therefore, we have mostly let current and former students speak about their experiences. Happy reading!

**Head of Campus
Professor Horst-Günter
Rubahn**



Sønderborg:

The International Campus



Campus Sønderborg is home to a wide range of international study programmes and consists of more than 1,300 students from over 50 different nations. It creates a unique, international environment.

Alsion is the name of the building that houses Campus Sønderborg. The building is beautifully located overlooking Allsund, which is the sound that splits Sønderborg between the island of Als and the mainland.

In this architecturally beautiful setting, Danish and foreign students, researchers and teachers have the opportunity to pursue their dreams. The University houses state-of-the-art laboratories and excellent teaching facilities, which ensure optimal conditions and surroundings for researchers and students.

– The international environment opens up for extremely exciting debates. Our classes are small - approximately 30 students in each of them - allowing for exciting discussions with both your teachers and your fellow students. It is clear that people from e.g. Sweden and Hungary often approach a specific subject differently. Discussions can sometimes become heated, but it just makes it all the more interesting. That is something that you would not experience at a major university where you would probably sit in an auditorium with 400 students. That is something that I appreciate.

Anja Marchewka

Close cooperation with the business community

At Campus Sønderborg you will experience a fantastic international and dynamic study environment with career focus and targeted programmes. The direct contact with the local business community means that you get a good practical approach to your study. It is a tremendous advantage once you finish your studies and have to go out in the real world.

Highly international environment for students

At SDU Sønderborg you will be able to meet people with different cultural backgrounds and make friends from all over the world. We are known for our multicultural student life.

– I am happy that there are so many different nationalities represented on campus, you can learn a lot from people from other cultures. I have only been here for two months, but I have already learned a lot. For example, we do not address the elderly or teachers by their first name where I come from, so that has taken a little bit of getting used to.

Mohsin Raza,
Innovation & Business

Teaching is far more interactive than I have seen in other places

- It's personal here!

Otto

We have a study environment which brings students closer together.



Astrid

I like that Sønderborg is an international city. First and foremost because of the many tourists who travel to the city every summer, but also by virtue of SDU Sønderborg with its many international students. When you walk down the street you can hear 30 different languages if you listen carefully and pay attention to it.



Melina

I am from Brazil, where I studied economics, but it was very theoretical. Here it is more project-oriented and hands-on. Last semester we had a subject where we constantly looked at what was going on in the market, so in that way teaching is more current and real in relation to the world that awaits after the end of your studies.



Wienke

Being international means breaking down boundaries. For me it is special crossing the German/Danish border several times a week to study. You get a new perspective on many things. There are major cultural differences, even though the distance is short. The Danish culture is VERY different from the German. It is more relaxed and easy going. It is the epitome of the Danish word "Hygge". It is not about being punctual or the biggest and the best. There is more focus on what the individual's special talent is, focusing on the talent and developing it and making the person use it.



Anja

Even though I come from Flensburg, I have chosen to live in Sønderborg, as you become part of the international study environment offered by campus to a much larger degree. It is a small town, but with so much going on. It's beautiful and you always have something to do on weekends - there are lots of events.



Lukas

We have group presentations and project-oriented work. It makes it way more interesting than if it was just a teacher giving lectures without involving the students. Teaching is far more interactive than I have seen in other places. The teaching is more personal here.



English programmes open up for opportunities worldwide

Nicklas Michel Frahm is from Flensburg, but studies at the University of Southern Denmark. He is excited to be part of an international study environment, but still be close to friends and family.





It was the love of technology and programming, which was the main reason why Nicklas Michel Frahm chose to apply to the mechatronics programme at the University of Southern Denmark in Sønderborg last year. But there were also many other factors that weighed heavily when he made his choice.

- It meant a lot to me that the programme is taught in English. Because once I'm done, I would very much like to have the opportunity to work, continue studying or research in other countries such as China or the United States, he says.

But namely the language was what Nicklas Michel Frahm was most nervous about before the start of his studies. And in the beginning, it would prove to be justified.

- I have to admit that there were a lot of physics and mathematical terms that I did not understand the first few weeks, but I quickly caught up and now it's not a problem at all. If I see a word I don't understand, I just look it up online, he says.

Now Nicklas Michel Frahm not only has a good grasp of English, but is also learning Danish. He benefits from the local language in his student job.

- SDU Sønderborg has a programme where you are matched with local companies. I have a student job at Danfoss. My colleagues speak Danish to me, which contributes to learning the language faster, he says.

Good job opportunities

The student job scheme with the local business community also means that students and companies are given the opportunity to take a closer look at each other. And it has a very beneficial effect. Thus, 80% of graduates from the mechatronics programme in 2014 are currently employed in companies in the local area. But as Nicklas Michel Frahm mentions, a programme taught in English opens up for jobs all over the world.

A stone's throw from Flensburg

It takes just half an hour from Flensburg to Sønderborg by car, and that is something, which Nicklas Michel Frahm and his girlfriend truly enjoy. They go home almost every weekend to visit friends and family.

- We live in Sønderborg, but usually pack the car on Friday, a little past noon, and then drive to Flensburg to spend time with our families. Sunday evening we drive home. It's perfect. We get the best of both worlds. On the one hand, we study in an international environment, on the other hand, we are close to friends and family. It is like staying abroad in your own backyard.

A diploma from SDU Sønderborg is of international quality and gives you access to study further both domestic and abroad or for a career of your choice.

Living in Sønderborg



Sønderborg is a charming, student city in the very south of Denmark, sporting sandy beaches, captivating local culture and more activities than you'll be able to keep track of.

Never bored

City life is exciting with bars, nightclubs, live music, cinema, music festivals, art and culture venues.

No matter what leisure activity you are looking for, you will find it in Sønderborg. From kite surfing to football, fitness, dancing, fishing, rowing, sailing, horse riding, handball, hunting, golf, tennis and more - just choose what you like best.

Student associations

The charm of a small city is that you will have opportunities for contributing to the social activities calendar and inspire most awesome events by sharing your ideas. There are several student associations which are supported by the university or municipality and hence allow for the members to come up with all sorts of sponsored events like holiday parties, live concerts and day-trips.

Beautiful nature

Sønderborg is located on the island of Als, which is surrounded by a 250 kilometre craggy coastline. The beaches invite you for a swim while the forests and the beautiful natural landscapes provide space for activities, tranquillity, and recharging your batteries.

Sønderborg can be easily traversed on a bike thus you don't have to fear expensive public transportation passes or needing to buy a car. And since the city is surrounded by beautiful views, it secures a lovely commute.

The city's great location as a natural hub in the border region has given us a very special ability to cooperate across borders and cultures, and today, 120 different nationalities live in Sønderborg. You have great opportunities to engage with the locals and get to know the culture. At the same time you are surrounded by people from all over the world and become a part of a strong, international community.

In Sønderborg, all of Europe is within your reach. It is here that Scandinavia and continental Europe meet and tie together. Major cities such as Flensburg, Hamburg and Kiel are our close neighbours, while the well-developed infrastructure with a freeway and airport ensures short distances to other metropolitan areas such as Berlin and Copenhagen.

Housing guarantee

When you start a study programme in Sønderborg, we offer you a housing guarantee. The housing guarantee applies to the normal start of studies in August/September and ensures you student accommodation (room/1-room) in the period from 1 August to 1 January.



Student jobs

There are many good reasons to take a student job related to your field of study. Here we have listed four of them:

Regular wages

During your studies, you don't just spend all your time with your nose in the books. It is also here that you meet friends for life, and it is not so easy to do sports and go to parties if you're short on money. With a student job, you will not only be able to pay for your regular expenses, but also for your leisure activities. When you look for a student job, look for a job that spans your interests and your study.

Student jobs increases the job opportunities

Although wages to cover your living expenses during your studies is an important motivational factor in connection with a student job, there are also a number of long-term benefits associated with a student job.

A student job can be very important to your job opportunities once you complete your studies. Studies show that there are a lot of new graduates who get a job at the workplace where they previously had a student job. Additionally, it looks great on your resume, and may be what decides whether you get the job you want or not.

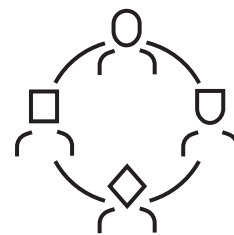
You improve your study

At a study-related workplace you have the opportunity to develop your skills. By using the theory you learned at SDU Sønderborg in practice, your newly acquired knowledge will be absorbed in a very good way.

A strong network

With a study-relevant job, you automatically build a strong and professional network which is worth gold once you go out and chase your dream job. You will get a lot of contacts through your student job who can later give you advice, guidance, and recommendations.

SDU Sønderborg does a lot to help students find a relevant student job. This is done by arranging matchmaking days, where companies and students get to meet, talk, and take a look at each other.



Study start



It is important to SDU Sønderborg that all new students are integrated in the best possible way. This goes for both academic and social life. All students are therefore assisted in becoming firmly rooted in the programme and to unambiguously create an identity as a university student - breaking the academic code - regardless of background and any particular challenges.

It is key to SDU Sønderborg to introduce the students in the best possible way to life as a university student. Therefore, all newly admitted students are offered an introductory course that will ensure academic integration, meeting new friends and feeling comfortable socially.

For this purpose, SDU Sønderborg has established an Intro Team consisting of 20 students, who will do their utmost to make you feel welcome and part of social life from the very first day.

The Intro Team offers a number of events during the 1st semester, all of which are aimed at bringing the students closer together. Among other things, barbecue parties, volleyball, yoga classes, beer bowling, bicycle tours around the city, as well as Stand Up Paddling.

- We usually have four major events. We have a dorm race where we go around to the different dorms. This gives the new students an opportunity to see where their new friends live, so that they can find their way when they want to visit them. Then we have a pub crawl, where you get to know the city.

We also have an intro weekend where we rent a summer cottage, so that people really get the opportunity to get to know each other. Last but not least, we have a big Intro Party, says Finn who heads the Intro Team.

All international students are offered an English-language intro course that takes their special needs into account, including the need for integration with Danish students.

- We also have an activity day, where all sports clubs in Sønderborg come by the campus to show what sports you can do in your spare time.

If you are new to the city, the Intro Team also offers a guided tour around the city and they are available if you need directions to a certain place - for example, to your new dorm room or if you are going to look at an apartment. Overall, the Intro Team is available 24/7 if you have questions or face an unforeseen challenge in connection with the start of your studies.

Student job

I can actually save up while studying



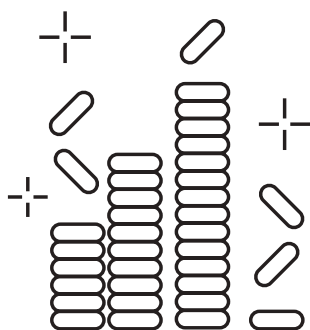
Anina Hannah Hasse
Engineering, Innovation
and Business

A student job gives valuable experience, you get to make ends meet and you build up a strong network.

There are lots of reasons for taking a student job. The advantages are plenty: You get a better economy, you gain valuable work experience, you build up a network and make contacts outside the university, you prepare yourself for your future on the job market and, last but not least, the student job can be a shortcut to a job in a company as soon as you graduate.

Anina Hannah Hasse is enrolled in the study programme Engineering, Innovation and Business at SDU Sønderborg. She comes from Lübeck in Germany and has a student job at the local airline Air Alsie. She works here on the days she doesn't have classes. Anina Hannah Hasse is working in the technical department that concentrates on the maintenance of the aircrafts.

My student job has a technical and a commercial aspect that relates to my studies. I am very happy for the job. The working environment is fantastic. Hierarchies are really flat so I really feel like a part of the company and not just an external help.





Attractive economic bundle for students

All engineering students at SDU Sønderborg have the possibility to have a student job in their spare time. Besides the salary and good work experience, the students are entitled to receive SU (Statens Uddannelsesstøtte) next to a 10-12 hours/week student job, if they are EU citizens. SU is the Danish educational stipend for students, and it is known for being one of the most generous in the world. The stipend amounts to approx. 820 € pr month.

For Anina Hannah Hasse this means that she doesn't have to pinch pennies but in fact has extra leeway in her budget and does not have to refrain from experiences and social activities due to a shortage of money. Far from it!

My economic situation is a lot better than it would have been if I had chosen to study in Germany. Before I got the job, I received money from my parents and my grandmother. They would have had to

continue to pay me if I had chosen to study in Germany. I would've probably just been able to pay my rent and food, but, in fact, here I can actually save up money. None of my friends in Germany are able to do that while studying. They can only just make ends meet, whereas I still have some money left by the end of the month.

SDU Sønderborg collaborates with a lot of companies. This means that you can get help to find a student job that fits you. You can also book a counselor that will help you write a good application and prepare for job interviews. They will also help you with which student jobs might help you achieve your dreams after you finish your education.





Experts in Teams



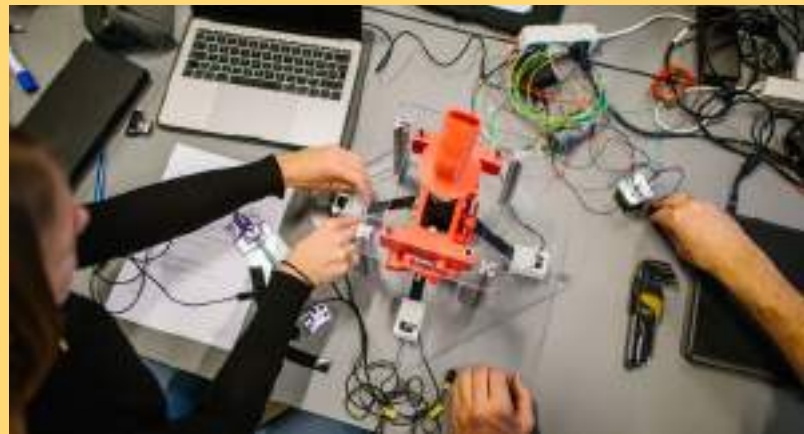
Experts in Teams is a project course for all 5. semester engineering students. Based on a specific, real innovation challenge in a company, students from different engineering programmes work together on solving the task.



Henriette Gärtner
Engineering, Innovation
and Business



Lars Anker Petersen
Mechatronics



I love the format! Normally, I am working together with students from my own study programme, but since we're representing several educational courses in this concept, we can bring our main competences into play!

The statement comes from Henriette Gärtner, who is studying Engineering, Innovation and Business. She is backed up by Lars Anker Petersen who studies Mechatronics.

The keyword is cooperation. At SDU, we are, on a whole, always working on real problems and closely together with companies, but unlike semester projects, where we work with the things we're specialised in via our education, in Experts in Teams it is all about bringing everything together. So, in short: Cooperation!

Close cooperation with companies

The two students are working on a project about stretch sensors together with nine other engineering students from SDU Sønderborg. It is the company LEAP

Technology that set the frame for the task. Among other things, the 11 students have to develop a prototype, software and collect data.

We started with a meeting at the company. They showed us how they're producing their sensors, which was a good introduction to the project. After that we received a lot of feedback on all the ideas we came up with. They provided us with the sensors and other components and especially with their knowledge. This was really good sparring, Henriette Gärtner says.

Companies ask for engineers who can cooperate

Due to the competences that they acquire in connection with Experts in Teams, the students become attractive for actors on the labour market. Njal Pettit, Senior Director for Technology Management & Innovation at Danfoss, says that the process adds an enormous value.



It's worth its weight in gold for the students to learn the hard way what it means to make a 360 degree analysis, to work with things they never tried before. Basically, it is about the classical LEAN principles where the students act, get feedback, change and improve.

It's about the dialogue with the customer, the cooperation with colleagues and about being open for help. No matter how skilled you are, it's of no use if you do not possess some of these competences.

The Director for Technology Management & Innovation at Danfoss calls these competences the 21. century skills, which cover terms like creativity, adaptability and critical thinking, among others.

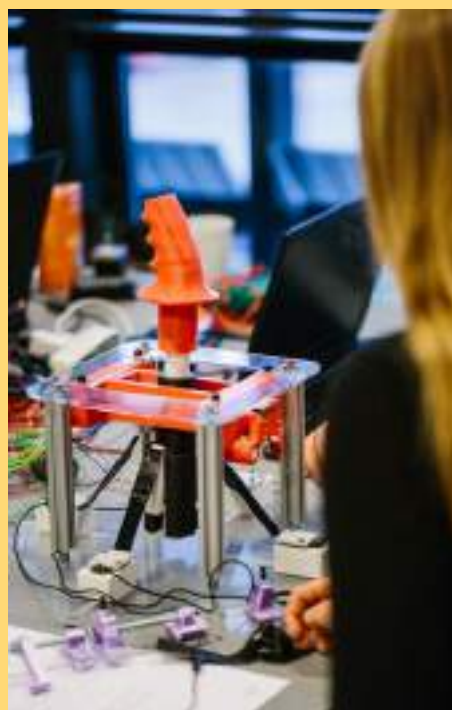
Cooperation is probably one of the most important competences. There's no need for lonesome cowboys, because no matter how skilled you are, you will reach your limits at some point and then it is necessary that you can reach out and get help and guidance and make use of external partners' experience.

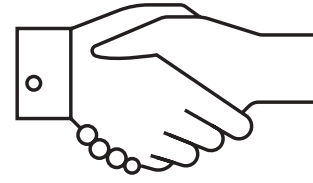
Diversity is a strength

The students in the Experts in Teams group meet every Monday and plan the course of the week. If they need feedback, advice or guidance, they either call for a representative from the company or for their supervisor for a meeting on Tuesdays. And then each subgroup just work on the tasks they were given.

It is great to experience how we are different from each other. I am very focused on the business part, but when we had to print a 3D model, I could see how fast and skilled the students from the Mechatronics programme were in doing it, Henriette Gärtner says.

Experts and Teams ends with an exam and a presentation for the company that gave the task. Furthermore, the project is presented at TEK Expo where engineering students from SDU Sønderborg show their projects to the outside world.





Engage with local companies

SDU Sønderborg has a unique cooperation with local companies. To such an extent that it is rare to find anything comparable both inside and outside of Denmark's borders.

The strong cohesion between the university and the local community is unique and creates useful new knowledge across professions, knowledge institutions and borders.

A great example of the close cooperation between SDU Sønderborg and the surrounding community is the Centre for Industrial Electronics and newly established Center for Industrial Mechanics. Danfoss, Linak, Region of Southern Denmark, Sønderborg Municipality and SDU each invested in the new research and innovation facilities and new engineering programmes at SDU in Sønderborg.

It is important to work closely with industry. Especially for us engineering students, theory is useless if it cannot be translated into practical experience. It is extremely beneficial to have a specific task from the real world that you can target with the theory you are learning. This way you get to test the knowledge that you have acquired and the concepts that you have learned.

Knowledge is easier to absorb if you apply it to a specific task that even makes sense because it is part of the challenges faced by the industry.

Moshin Raza, Innovation & Business.

With the Centre for Industrial Electronics, SDU offers a unique opportunity to cooperate with companies where they have a particular need. The centre will create value for the companies in their innovation and product development, just as it inspires SDU's researchers and provides an excellent basis for training the engineers, which the companies are looking for.







Personally, I enjoy project-oriented teaching. It creates space to really do something. You are active instead of just sitting and listening. If you then add a company to the mix, then it becomes even more interesting. Now you are suddenly doing things that can actually be implemented in the real world. In addition, you get valuable feedback from the company's employees. They expect something of you. They expect you to deliver. It increases the stakes.

**Mohamed Nabil Elsayed Mohamed,
Innovation & Business.**

Danfoss and LINAK are some of the country's largest exporters in the energy efficiency industry. Through the Centre for Industrial Electronics (CIE), the two companies and other local operators get direct access to both the talent and knowledge that CIE will foster, which will contribute to the companies' growth opportunities.

However, Danfoss and Linak are far from the only companies with which SDU Sønderborg has a close cooperation. Lodam, ECCO, AGRAMKOW and BHJ are some of the other companies in the local area.

SDU Sønderborg is equipped with state-of-the-art laboratory facilities. Here we see postdoc Elodie Destouesse working on organic and hybrid solar cells.



Engineering

If you are interested in robots, screws and electronics, a degree programme at the Faculty of Engineering will be right up your street. At the same time, you can develop your CV with an international experience at a university with state-of-the-art resources and strong worldwide connections!

As a student at SDU Sønderborg, you become part of an inspiring and informal study environment where your relationship with your teachers is close and friendly. You will typically work on innovative, real-life group projects in our attractive study facilities.

Faculty of Engineering has adopted a student-centred approach to learning, and teaching is based on problem-based project work. Students participate significantly in class and carry out project work in small teams. This means, you study in teams, and carry out projects in collaboration with Danish industry, which will increase your chance to get a job in Denmark.

We believe studying is all about you pushing the boundaries, applying critical thinking, working with others and being creative.

We also believe that engineers of today must have a global perspective and experience and we encourage international as well as Danish students to spend one or two semesters abroad on an internship or as exchange students. Life experiences and personal development are just as important as passing exams on the road to job and success.

- I checked the degree programmes throughout Europe, before I chose Mechatronics in Sønderborg. I went for something that was internationally recognized and really hands-on. I feel I have endless possibilities here.

Tommy Gossland, Mechatronics

BEng in Electronics

As an Electronic Engineer you will be able to design and develop electronic equipment for vehicles, industrial systems, energy control systems, and autonomous systems.

You will learn how to develop consumer electronics, amplifiers, and electronics for medical equipment and robots. You will learn about analogue and digital electronics, as well as the use of modelling and simulation tools as part of the development process. You will also learn how to develop advanced software skills to be ready to take on jobs in both Danish and foreign companies.

As an engineer, you must be able to cooperate with different fellow specialists and stakeholders. Therefore, you should also be able to communicate your knowledge and results in a professional and compelling manner. During this degree, your teamwork and communication skills will be strengthened through your participation in project work.

The programme has the following semester themes:

- Semester 1** Discover the Electronic Development Process
- Semester 2** Build Industrial Electronics
- Semester 3** Develop Intelligent Dynamic Electronic Systems
- Semester 4** Design of embedded architectures
- Semester 5** Experts in Teams
- Semester 6** Internship
- Semester 7** Final project

This programme has courses that involve project work with other students and industry. It also includes an internship with a company lasting a full semester, where you will gain even more experience working on real-life engineering tasks.

In general, electronic engineers work as developers, consultants and project managers, with a focus on electronics equipment and products. With a BEng in Electronics, you will be able to pursue a career in any of these areas.

Please note that specific entry requirements apply, which are described on the programme website indicated below.

BEng in Engineering (Mechanical)

What if your mobile never broke when you drop it? Or what if wind turbines were so efficient that they could power an entire city? Challenges and problems like these are waiting in line and as a mechanical engineer, you can help solve them. You learn to foster innovative ideas and turn them into sustainable, safe and smart solutions for society.

With a strong emphasis on applying acquired theory in practice, both by teamwork in bigger projects as well as smaller practical tasks, the education prepares you for a career as a development engineer or project manager in an R&D department. In the bigger projects, you will learn how to collaborate – also across different engineering disciplines – on solving development tasks provided by industry. Here, you will also apply prototyping skills using our state-of-the-art prototyping facilities.

As part of the education, you will spend a whole semester in a company internship working on development tasks as part of the company's engineering team. Similarly, you have the option of carrying out your final project within a company.

As a Mechanical Engineer you will be able to pursue a career as e.g.

- Development engineer or project manager in medium-sized or large companies in industrial production or machine manufacturing
- head of manufacturing department
- manager of sales
- project responsible for development, production, sales and procurement
- or as an entrepreneur developing your own ideas and making business plans, prototypes, tests and documentation.

A bachelor (of engineering) degree in Mechanical Engineering is a three-and-a-half-year study programme aiming at direct employment as mechanical engineer. Further, it qualifies you to continue your studies for a Master of Science in Engineering degree.

Please note that specific entry requirements apply, which are described on the programme website indicated below.

BEng in Mechatronics

Smart TVs, electric standing desks, espresso machines - examples of everyday devices that require extensive development work. This programme turns you into a hands-on designer of products that combine electronics, mechanics and intelligent software, enabling you to develop and link these system areas in an optimal way.

As mechatronics engineer you will participate in development of highly integrated products like cars and robots. You will be able to think holistically and to assist the growth of the company, focusing on not only technical but also business and social aspects.

The programme will provide you with broad engineering-related knowledge by introducing the core subjects in mechanics, electronics, programming, mathematics, and physics. You will also gain insight into marketing, design, and manufacturing.

As part of the study process you will have the chance to work in a collaborative project with students from across different engineering programmes.

In this programme, you can choose to focus on areas such as mechanics, electronics or embedded software by use of elective courses and profiles.

Each of the seven semesters has a specific theme and structure:

- Semester 1** Discover Mechatronics
- Semester 2** Build Mechatronics
- Semester 3** Develop Mechatronics
- Semester 4** Construct Mechatronics
- Semester 5** Experts in Teams
- Semester 6** Internship
- Semester 7** Final project

The programme consists of lectures and project work with other students and industry. It also includes an internship lasting a full semester, where you gain work experience and carry out real-life engineering assignments.

The focus of the programme is on product development. This opens up job opportunities in companies in the area of mechatronic system development and sales. With the broad knowledge about the foundation of mechanics, electronics, and embedded systems and your core competences as a mechatronics engineer, you will be able to perform a range of tasks in the company.

Typical jobs for mechatronics engineers: Development engineer, Technical project manager, Customer service / consultancy, Project sales, Research and Teaching.

Please note that specific entry requirements apply, which are described on the programme website indicated below.

📍 Sønderborg

🌐 sdu.dk/beng-mechatronics



BSc in Electronics

As an Electronic Engineer, you will be able to design and develop electronic equipment for vehicles, industrial systems, energy control systems, and autonomous systems.

You will learn how to develop consumer electronics, amplifiers, and electronics for medical equipment and robots. You will learn about analogue and digital electronics, as well as the use of modelling and simulation tools as part of the development process. You will also learn how to develop advanced software skills to be ready to take on jobs in both Danish and foreign companies.

As an engineer, you must be able to cooperate with many different specialists and stakeholders. Therefore, you should also be able to communicate your knowledge and results in a compelling and professional manner. During this degree, your teamwork and communication skills will be strengthened through your participation in project work.

The programme has the following semester themes:

- Semester 1** Discover the Electronic Development Process
- Semester 2** Build Industrial Electronics
- Semester 3** Develop Intelligent Dynamic Electronic Systems
- Semester 4** Design of embedded architectures
- Semester 5** Experts in Teams
- Semester 6** Final project

On this Bachelor programme you will experience a combination of lectures and project work with other students and the industry. A Bachelor degree in Electronics qualifies you to continue your studies in a Master of science in Electronics degree.

In general, electronic engineers work as developers, consultants, and project managers, with a focus on electronics equipment and products. With a BSc in Electronics, you will be able to pursue a career in any of these areas.

Please note that specific entry requirements apply, which are described on the programme website indicated below.

BSc in Engineering, Innovation and Business

As an Engineering, Innovation and Business student you will acquire competencies within three different areas: technology, innovation, and business development. You will learn how to develop smart products and apply digital production technologies for the factory of the future. In parallel with the technical development, you learn to assess market opportunities, develop a business case and manage innovation projects.

The overall objective of Innovation and Business is to enable graduates to create and realise ideas for new products and production setups, based on both - sound engineering and business practices. You will acquire skills that can be applied in existing companies as well as in the creation of your own business.

The study programme enables you to handle everything from exploring and discovering new ideas to planning, managing, and realising business concepts of your own.

You will acquire the following competencies:

- Creativity and innovation management skills, allowing for generation, evaluation, selection, and realisation of products and new production ideas.
- Knowledge and skills in mechanical, electrical, and mechatronic engineering – and the interplay between these disciplines enabling you to understand the manufacturing and innovation approaches of the technology you work with.
- Knowledge in business administration, which will allow you to profitably analyse and manage operations in a company.
- Competencies in product development techniques, project management, and team management skills.

A bachelor degree in Engineering, Innovation and Business qualifies you to continue your studies in a Master of Science engineering degree.

You will be qualified for jobs such as: Business development engineer/manager, Technical project manager, Sales and procurement engineer, International product manager, Innovation manager, Entrepreneur, Consultant, Researcher.

Partnership between the Faculty of Engineering and local businesses makes it easier for you to gain relevant experience in the industry during the studies and to possibly secure a desirable work position immediately after graduation. It allows for more opportunities and information regarding available internship positions, lets you establish professional connections and supports developing projects in collaboration with the local companies.

Please note that specific entry requirements apply, which are described on the programme website indicated below.

BSc in Engineering (Mechanical)

Mechanical engineers work with development of products – from devices like packaging for electronics all the way to high tech products like robot arms, grippers and cars. Solutions that respond to and define the modern world.

As a student of Mechanical Engineering you learn to foster innovative ideas and turn them into sustainable, safe and smart solutions for society.

Through a solid professional foundation, ingenuity and project teamwork, you gain various skills in the field of product development, featuring technical design, simulation and project management. This combination prepares you to work as a product development engineer or a project manager in an R&D department.

The education brings theory into practice. It combines theoretical courses and practical project work and, from start to finish, you will be part of project groups working on mechanical solutions for real development projects presented by local industry.

You explore the fundamental topics of mechanical engineering such as statics and dynamics, but also the development of mechanical systems using novel materials, prototyping and advanced simulation techniques.

As a mechanical engineer you will be able to pursue a career as e.g.

- development engineer or project manager in companies in industrial production or machine manufacturing
- head of manufacturing
- manager of sales
- project responsible for development, production, sales and procurement
- or as an entrepreneur developing your own ideas and making business plans, prototypes, tests and documentation.

Collaboration between the Faculty of Engineering and local businesses allows you to write your bachelor project in cooperation with a company.

A bachelor degree (BSc) in Mechanical Engineering is a three-year study programme. It qualifies you to continue your studies for a Master of Science in Engineering degree.

Please note that specific entry requirements apply, which are described on the programme website indicated below.

BSc in Mechatronics

Mobile phones, iPods, cars and digital cameras – most people know how to use them, but it takes a lot of work before they reach the consumer. It takes an engineer to combine the necessary mechanics, elec-tronics, and software – the mechatronics engineer!

Visit any home in Europe, and you will find several mechatronic products – intelligent products combining electronic, mechanical, and software solutions.

From music systems and video players to smartphones and washing machines, mechatronic products are developing at such a speed that industry requires engineers who can work fast across a range of disciplines.

With a degree in mechatronics, you will be able to develop advanced industrial products from the concept stage to product launch. Therefore, you will learn to combine mechanics with technologies involving electronics and software. You will work extensively on team projects with fellow students with backgrounds in marketing, design, manufacturing, and logistics.

On the Bachelor programme, you can choose to focus on areas such as mechanics, electronics or embedded software by use of elective courses.

Each of the six semesters has a specific theme and structure:

- Semester 1** Discover Mechatronics
- Semester 2** Build Mechatronics
- Semester 3** Develop Mechatronics
- Semester 4** Construct Mechatronics
- Semester 5** Experts in Teams
- Semester 6** Bachelor Project

With a degree in Mechatronics, you will typically attract companies that develop intelligent products with advanced technologies.

You will be qualified for jobs such as: Development engineer, e.g. with managerial responsibility, Project manager, Specialist in specific technologies, Consultant or customer adviser, Project salesperson, Teacher, Researcher at universities in Denmark or abroad, Entrepreneur with your own company.

Please note that specific entry requirements apply, which are described on the programme website indicated below.

MSc in Engineering - Engineering, Innovation and Business

Can you turn innovation into a successful business? Combine your interests in technology, innovation, and business with this programme.

You need more than just a good idea to launch a new product – you need technical knowledge and business expertise.

This master programme is structured around three main pillars: Technology, Innovation, and business development.

Technology: Focus within this area is on the development and applications of new digital solutions related to smart products and Industry. You work with state-of the art technology such as virtual and augmented reality to simulate prototyping processes and production set-ups. You will as an innovation and business engineer help companies in the transformation process of adjusting to the era of digitization.

Innovation: The programme provides you with knowledge and skills about the innovation process from the early ideation phase to the innovation and final commercialization of a product. You get insights into how to manage projects and product development processes and you experience your role as the bridge-builder between the technical and the business departments in an organization.

Business development: During the studies, you will learn how to evaluate opportunities and assess if a business case is interesting. If you invest in a new technology, will it pay off? You gain knowledge on business models, business plan development and financial key metrics used to weigh the business case.

You will be qualified for jobs such as the following: Business Development Engineer / manager, Technical project manager, Sales and procurement engineer, International product manager, Innovation manager, Entrepreneur, Consultant, Researcher.

Admission:

A Bachelor's degree in Innovation & Business, Product Development and Innovation, Interaction Design, or Mechatronics.

Applicants with a similar Bachelor's degree will be considered if their academic qualifications correspond with the Bachelor degrees mentioned above. Additional documentation may be required to verify your English proficiency.

MSc in Engineering - Mechatronics

Can you think innovatively, act practically, and lead a development process from start to finish? This programme gives you in-depth knowledge about mechatronics – a step towards realising your ideas!

Society relies on mechatronics – intelligent products combining electronic, mechanical and software solutions. This programme enables you to design and develop high-tech mechatronic products for a market in constant change; with consumers who demand smaller, faster and more flexible products. You will act as a trouble-shooter across disciplines, identifying problems and optimising production. With technical knowhow and leadership skills, you can transform product ideas into practical solutions for everyday life.

The Master programme is based on two blocks: a compulsory block called Advanced Mechatronics and Scientific Methods, and a profile where you can choose between two academic specialisations:

- **Cyber Physical Systems:** You will work with mechatronics and dynamical systems as well as related control strategies, including artificial neural networks
- **Embedded Systems:** Embedded systems concerns both digital electronics (Hardware) as well as Software with focus on autonomous/intelligent systems

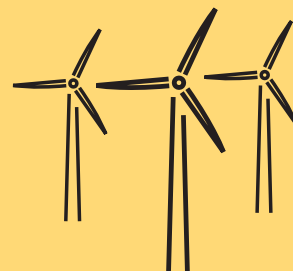
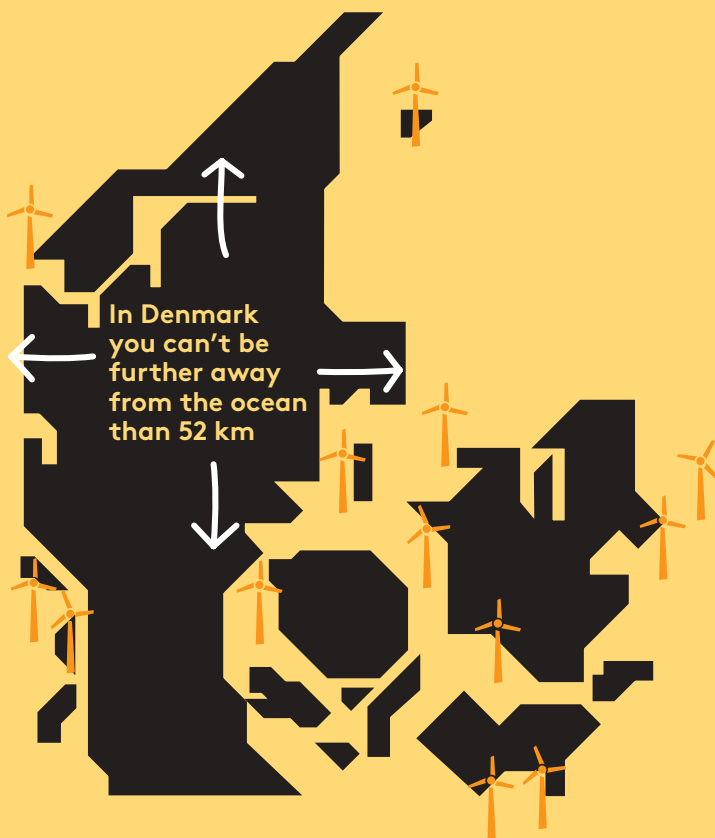
You will become part of a project-based and problem-based study environment where you will work in project groups. You and your fellow students will be responsible for planning and carrying out the project, and for meeting deadlines. Usually, we receive project outlines from companies in industry, which means that the problems you will solve are 'real-world' problems. The last semester is devoted to the Master's thesis, which will typically be carried out at, or in cooperation with an industrial company. Graduates become attractive partners for industry as well as for the research sector. With a Master's degree in Mechatronics, you will be qualified for jobs such as the following: Development engineer, e.g. with managerial responsibility, Project manager, Specialist in specific technologies, Consultant or customer adviser, Project salesperson, Teacher, Researcher at universities in Denmark or abroad, Entrepreneur with your own company.

Admission:

A Bachelor's degree in Electronic, Mechanical, or Mechatronics engineering.

Applicants with a similar Bachelor's degree may be considered if their academic qualifications correspond with the Bachelor degrees mentioned above. In addition, documentation may be required to verify your English proficiency.





90%

of the world's offshore wind turbines are installed by Danish experts. Denmark is in fact the world's leading producer of windmills. And hurray: 28 % of our energy supply is produced by wind turbines.

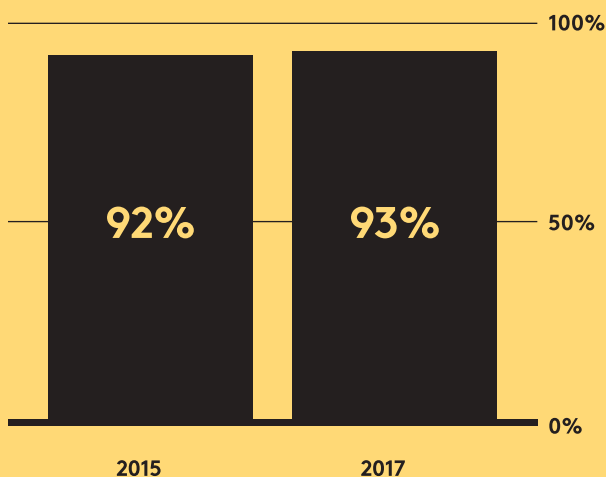
75%

of the Sønderborg students are international.

To a great extent, students at Campus Sønderborg finish their education within the standard time limit. Last year, the average delay was only 15 days.

During lecture, the maximum of students is normally 70. And all exercise teams usually have a maximum of 35 students.

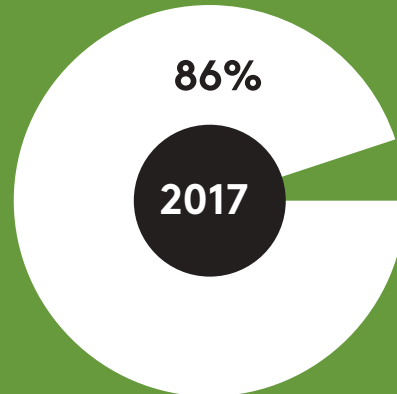
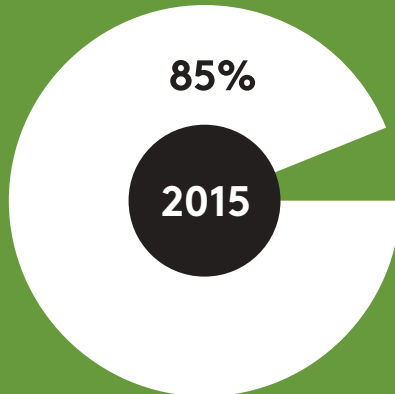
Friday bar satisfaction:



Overall study satisfaction:

ENGLISH ? NO PROBLEM!

Danes are ranked among the best non-native English speakers in the world.



Denmark has been awarded 14 Nobel prizes and with 5.6 million that is one of the highest per capita ratio in the world

80%

of the mechatronics students will after their graduation find a job in the local area.

Number of beach parties in Sønderborg per year: countless!

The UN World Happiness Report has rated Danes as the happiest people on earth two years in a row.

Danes have a special word "hygge" for that cozy feeling of togetherness. It means relaxing in great company.

Business and Social Sciences

We live in an age where the world is changing faster than at any other time in history. The Faculty of Business and Social Sciences meets the growing need for students to develop intercultural skills that enable them to navigate in the dynamic global labour market.

Which place is better for this than Sønderborg? Campus Sønderborg is centrally located in a historically disputed border region. It gives our students a true European and regional perspective on development and a very international atmosphere.

SDU Sønderborg has a unique cooperation with the University of Flensburg on a number of programmes in Sønderborg and Flensburg.

The cooperation between the two universities has resulted in an international environment with Danish and international students and with teachers from both sides of the border.

You can read more about the programmes offered by the Faculty of Business and Social Sciences at SDU Sønderborg on the following pages.

– It is pretty nice to live in Sønderborg. It is a special place to study. We have a study environment where you are very close to each other. It is interesting to discuss with fellow students, because people come from very different backgrounds.

**Otto Alaluusua,
European Studies.**

BSc in European Studies

European studies with a political edge, Politics in a European context

- Interdisciplinary programme
- Case-based teaching
- Subjects taught by experts in the field
- Close contact with your lecturers
- Small Classes (~25 students)
- Diverse and International programme
- Opportunity to study or do an internship abroad

The Bachelor programme builds on core subjects within the humanities and the social sciences. The programme equips students with theoretical understanding, factual knowledge, and analytical abilities in three main areas:

- Politics and Institutions
- Historical foundations of European integration
- Regional development and international co-operation

The European Studies programme consists of 6 semesters – with about 15 teaching sessions per week. As a student, you are the person in charge of learning. You are provided with high quality teaching, but an essential part of knowledge and skills is acquired through carrying out guided case studies, fieldwork and research, through the preparation of assignments, and interaction with fellow students.

Job opportunities for graduates in European Studies can be found within a wide-ranging labour market which is expected to grow significantly. There are employment opportunities in Europe in private business and organisations as well as in public institutions and government agencies both at the regional and national level. Potential work positions can be found also globally in connection with project development and other assignments where graduates with an insight into regional and European problems are needed.

Please note that specific entry requirements apply, which are described on the programme website indicated below.

BSc in Global Business Relationships

If you are considering a career in business, you can join a challenging and international study environment that is strongly based in European business culture.

With the Bachelor of Science (BSc) in Economics and Business Administration - Global Business Relationships you will obtain two in one qualifications and substantial language skills in addition to a comprehensive knowledge of business economics viewed in both a global and a regional context. These competencies are in demand as even internationally operating enterprises partially rely on understanding the importance of regional development and responsiveness.

The programme is taught in English and includes subjects related to management and economics. Compared to the bachelor programmes taught elsewhere, the range of topics is especially oriented towards the international aspects of business activities and the management of interfirm relations, regional development. The programme still covers all the basic subjects of business administration - courses in management and organisation, corporate finance, marketing, accounting, business law, digitalization, statistics, microeconomics, and macroeconomics.

A BSc in Economics and Business Administration provides you with a broad, all-around business competence in administrative functions in a company such as marketing, human resource (HR) or financial services. In addition, the education is an ideal foundation for further training and specialization.

Please note that specific entry requirements apply, which are described on the programme website indicated below.



Interdisciplinary Programmes

Obtain a mix of business, marketing, and intercultural communicative competencies and go International! The Faculty of Humanities offers two interdisciplinary study programmes in Sønderborg – one Bachelor’s programme and one Master’s Programme. These programmes, offered in collaboration with the Europa-Universität Flensburg, qualify you for internationally oriented jobs in private enterprises, NGOs, and organisations in the public sector.

Versatile, student-centered, and flexible, our interdisciplinary programmes combine the best of two worlds - the social sciences and the humanities. The compulsory disciplines include marketing, economics, work psychology, business communication and intercultural communication as well as a foreign language specializations (English/ German/ Danish).

Both programmes spring from a unique cross-border collaboration between SDU Sønderborg and the Europa-Universität Flensburg. Not only will you study business, marketing, intercultural communication, and foreign languages, but you will engage in a truly cross-cultural experience, with classes taking place in both Denmark and Germany.

The BSc in Business Administration and Foreign Languages is an integrated programme with compulsory courses on both sides of the border. You will obtain two degrees: a Danish Bachelor of Science and a German Bachelor of Arts.

The MSc in Business, Language and Culture is a full-degree programme at SDU Sønderborg with all compulsory courses offered here. However, it also allows you the possibility of a unique dual degree, which consists of the Danish MSc in Business, Language and Culture and the German MA in International Management Studies, offered by the Europa-Universität Flensburg.

You can read more about the programmes offered by the Faculty of Humanities in Sønderborg on the following pages.

- The best thing about the BSc in International Business Administration and Foreign Languages is that German and Danish students study together experiencing each other’s language and culture up close. As the programme takes place in both Sønderborg and Flensburg, you acquire a unique understanding of the employed norms and overall surroundings in these cultural settings. The program is very versatile, as you take classes not only in languages but also in economics, which means that you develop in two disciplines. The programme concludes with a double degree, which provides greater opportunities for both applying to a higher education and entering the labour market.

**Line Herzberg Christiansen,
BSc in International Business
Administration and Foreign
Languages.**

BSc in International Business Administration and Foreign Languages

Faced with growing political, economic, cultural, and social globalization, businesses will make increasing demands on their employees, who will have to work across national and linguistic borders. Obtain a mix of business and communicative skills, and go international!

The BSc in Sønderborg and Flensburg combines business economics, intercultural communication, and foreign languages (English, Danish, German). It qualifies you for internationally oriented jobs in private enterprises, NGOs, and organisations in the public sector.

The programme is offered in cooperation with the Europa-Universität Flensburg, and is based in both Sønderborg and Flensburg. This means that it has a significant international focus, both in terms of the subjects taught and in terms of the study environment.

The international focus is reflected in the degrees that you will obtain upon graduation: a Danish Bachelor of Science and a German Bachelor of Arts.

The disciplines during the first two years revolve around economics, work psychology, accounting, law, statistics, marketing, theory of social sciences, and your foreign languages. These courses provide a solid foundation upon which to move into the third year, where you can study more specialised elective modules or spend a semester at a partner university abroad. The final semester is dedicated to your Bachelor project.

This is the study programme for you if you want to combine business, marketing, HR, intercultural communication, and foreign languages. This combination provides you with attractive competencies in a competitive labour market which is faced with growing political, economic, cultural, and social globalisation. Employees, across private and public sectors, will have to be able to navigate this versatile professional reality - and this degree gives you precisely the skills for that.

Graduates from the Bachelor (BSc) in International Business Administration and Foreign Languages will obtain an internationally oriented degree covering marketing, management, economics, organisational psychology, foreign languages (Danish/German and English) and intercultural communication. Graduates have knowledge about different industry contexts, sectors and cultural and socio-economic relations of the German-Danish border region and other areas targeted in the programme (Germany/Austria, Denmark, UK/USA).

Equipped to contribute to problem-solving, graduates are able to identify organisational strengths and weaknesses as well as market-related challenges and opportunities. They are qualified for employment in regionally rooted and internationally oriented businesses, organisations and institutions within the private and public sector.

Please note that specific entry requirements apply, which are described on the programme website indicated below

📍 Sønderborg/Flensburg
 W sdu.dk/en/ief

MSc in Business, Language and Culture

Extend your knowledge in the areas of business economics and business language. Pursue a dual degree option for an intercultural study environment in which foreign languages (English, Danish, or German) are not just subjects, but an integral part of your everyday life.

Do you want to be part of an international environment and improve your communicative and inter-cultural skills? Do you want to pursue a career in business, economics and management, and be the mind behind optimal and holistic business decision making? The Master of Science in Business, Language and Culture is your choice for extending knowledge in the areas of marketing, business economics and business administration while improving your inter-cultural awareness and business language skills.

The scope of high level competences provided by this Master's degree will qualify you to work in a wide range of local, regional, and international organizations. You will obtain skills to anticipate business opportunities, analyze and solve organizational challenges, and identify the pitfalls and possibilities of changing markets - collaboratively and independently

Your compulsory courses include marketing and economics, intercultural and business communication and specialisation modules in your foreign language. Choose the dual degree option and expand your professional horizon: The dual degree possibility consists of the Danish MSc in Business, Language and Culture and the German MA in International Management Studies (German language skills required - stay informed via www.uni-flensburg.de). For dual degree students, teaching takes place in Sønderborg and Flensburg, and you will have access to elective modules offered by both universities. For your convenience, a bus runs from Flensburg to Sønderborg in the morning and returns to Flensburg in the afternoon on teaching days at the SDU's campus (a small fee applies). Studying at two different universities in two different countries is truly unique and affords the students a hands-on experience of living in and contributing to an international environment.

With your business and administration expertise, and your intercultural and communicative competences, you will be prepared for a career in regionally anchored organisations equipped with an international outlook. Your potential work titles include but are not limited to: Business Analyst, Managing Director, Global Key Account Manager, International sales Engineer, Business Controller, and Head of Finance.

📍 Sønderborg
 W sdu.dk/cmi





Study Abroad

A world of possibilities!

Do you want to go to Rio de Janeiro or Rome? To Australia or Vietnam? SDU Sønderborg encourages its students to take a semester abroad. Education is not just something that is confined to a classroom; on the contrary, personal development and life experiences are just as important as your exams. With a semester abroad, you can combine all three things.

SDU has over 500 cooperation agreements with universities worldwide. Exchange programs are free; however, you must pay for your living and travel expenses yourself. Nevertheless, SDU will assist with a travel allowance from either the Internationalisation Fund, the Erasmus+ programme or Nordplus. Grants from here will typically cover your travel expenses plus a little extra.

It is also possible to apply for private scholarships, which can help cover all costs that you may incur in connection with a stay abroad, but remember to apply well in advance, as it often takes a long time for these applications to go through.

Conditions

You can take a semester abroad in connection with both your Bachelor and Master programme. The only requirement is that you have completed three semesters of your Bachelor programme before departure, and that the chosen study programme can be credited.

Preparation

It is good to start planning well in advance. Depending on where you want to go and what study programme you choose, it is good to start planning 6 months or a whole year in advance.

Credit

You must choose a study programme that ensures an appropriate academic level and workload. Your academic advisor at the faculty is available with recommendations.

David's experience in the US

David studies mechatronics. He spent six months in the United States at the recognized University of Virginia.

Why a stay abroad?

Because I wanted to experience American culture. At the same time, I wanted an internationally recognized university on my resume, which I achieved when I was admitted to the University of Virginia. It is the best public university in the United States and ranks above Berkeley, among others.

Did you get financial help from SDU?

I received DKK 11,000 from the Internationalisation Fund to cover travel expenses.

How was the experience?

It was wild, especially the culture. You really got to experience American culture up close. In addition, I got a fantastic network out of the stay, among others, I became good friends with one of my professors who invited me to his home for Thanksgiving. He is head of a large investment fund, so that is naturally a friend and pal who can open some doors for me.

Was it academically challenging?

I took some subjects that were pretty hardcore, which, looking back, maybe I shouldn't have done. Because even though academics is an important part of a stay abroad, so is the cultural aspect.

Would you recommend it?

Definitely! It is definitely worth it. It is a really good experience. Aside from the academic benefits, as I mentioned, you get a lot of good contacts and you learn a lot about a whole new culture. It is one of the best experiences I've had in my life.



Master's project turned into entrepreneurial adventure and medal shower at the world's largest gin contest

With focus on entrepreneurship, SDU's students get the competences and the mindset for creating their own job. Krestian Mussmann's master project turned into a distillery that has received a lot of international credit.

The entrepreneurial environment at the University of Southern Denmark has experienced a tripling in startups during the last three years. Since 2016, 600 students have created their own business. Experience serves as a good foundation for the students, whether they continue in their own company or they get employed by others. Krestian Mussmann is one of those who created his own business, namely Destilleriet Als that produces whisky and gin.

I got the idea for the business in connection with my master's thesis for my studies in which I wrote about alternative business models in cost-intensive projects. I used the distillery as my case, Krestian Mussmann says.

Krestian Mussmann used his thesis as a starting point to establish his company Destilleriet Als. The distillery has since asserted itself at several international contests.

In 2020, they received three silver medals, one gold medal and two bronze medals at the world's largest spirits taste contest. But why the heck does an engineering student fling himself into a project that at first seems to be very far away from a traditional engineering job?

To me, the essence of being an engineer is to get an idea, have the tools to create a specific concept and finally bring it to life.

Valuable tools

Krestian Mussmann has always had a passion for food and beverages. And his family has always been producing honey and cider. Yes, they even landscaped their own vineyard and make their own wine. So, for him it has been obvious to combine his strong passion for food and beverages with his dream of being an entrepreneur. It is hence natural to ask if he, in any case, would have ended up being a whisky and gin producer, even though he wouldn't have taken his engineering education at SDU.





It might be that I'd ended up in the same place if I hadn't studied. But chances of me making some stupid decisions along the way would have been high – decisions that could have made everything fall to the ground.

The young entrepreneur points out that the engineering programme at SDU in Sønderborg revolved around realities and real problems.

I got some fantastic tools during my studies. And the lecturers are not only skilled theoretically but are also able to turn what they teach into practice. I think that this is a clear advantage.

Krestian Mussmann also points out the many initiatives at SDU that serve to support students' entrepreneurial dreams. He himself has been part of SDU's talent programme in entrepreneurship that lasts one year and gives 20 ECTS.

A recent initiative at SDU Sønderborg is Start Up Alision that provides innovation and incubation facilities for the students.

FACTS:

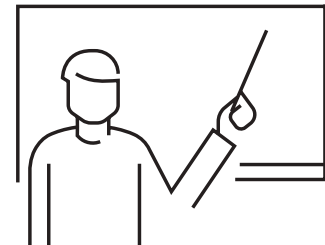
SDU is among the best 30% of university-linked business incubators in the world on the international ranking list UBI Global when it comes to engage students into starting their own business.

The Danish Foundation for Entrepreneurship has assessed that entrepreneurship takes up a larger part of the teaching for SDU students than it does at other Danish universities. At SDU, 16% of the students become acquainted with entrepreneurship, compared to 11% of the students at other universities.

SDU has turned out larger start-ups like Sensohive which developed into a global engineering company that offers intelligent temperature measurement of concrete during the moulding process.

SDU Entrepreneurship Labs 2019:

- 214 start-ups/363 affiliated students
- 15 start-ups received external capital
- 70 start-ups are VAT registered (out of 214 active start-ups)
- 32 start-ups have a turnover of more than 50.000 DKK



Student for a day

Choosing your university education is one of the biggest decisions in your life, if not the biggest. An education sets the course for your future. It is one of the big cross-roads in your life.

Therefore, it is also important to do your research well. SDU Sønderborg offers Student for a Day, which is a concept tailored to those considering an education here. In short, we offer you the opportunity to follow the programme for one or two days, while connecting you with a student who can show you around and answer any questions you may have. It's all on your terms.

Emil Busch participated in Student for a Day before he chose the Innovation & Business programme. The days at the campus in Sønderborg greatly influenced his final decision to choose that particular programme.

– Student for a Day gave me an insight without a filter. An Open House event is naturally also a good way to get to know a programme.

The advantage of Student for a Day is that it is students who communicate everything, so that you get a real insight into everyday life in the programme and on campus, says Emil Busch.

Emil Busch also says that he had a lot of doubts when he had to choose his education, but that Student for a Day at SDU Sønderborg convinced him that Innovation & Business was right for him.

– I was able to get a feel for the atmosphere and observe the students. That made up my mind for me and I would definitely recommend everyone to take advantage of Student for a Day. It IS a big decision, so to set aside two days is really a good idea.

Today, Emil Busch is one of the students who show potential students around on campus in connection with Student for a Day. Here, together with him or another student, you have the opportunity to see teaching, project work and other academic activities. If you want to try it, it's quite simple:

When?

You can choose a date during the months where teaching and project work takes place, i.e. from September to December and from February to May. Outside these periods it is possible to arrange a meeting with a student who can tell you about the programme and show you around the facilities.

Contact us for your visit

Just give us a call or send us an e-mail and we arrange your personal visit at our campus.

Engineering

+45 6550 7444
brobygning@tek.sdu.dk
www.sdu.dk/tek/studentforaday

Business and Social Sciences

brobygning-samf@sam.sdu.dk

Humanities

Helle Hede Hansen
hhh@sdu.dk

International

Open

Day

**Study
Try-Out
opportunity
for
international
students**

Test your favourite university education and experience the student life – completely free of charge.

Experience a special one-day programme in February with captivating teaching, workshops and the international study environment close to the German border. You now have the chance to try Bachelor's or Master's programmes at SDU up close and to have your questions answered by students and professors from the relevant studies.

What career do you want?

Are you interested in technology, science, social studies, or language and culture? Maybe you have not decided yet? At SDU you can choose from a variety of English-taught programmes - one of which could be the start of your international career.

Your advantages at SDU

- International, modern campus
- Work in smaller groups
- Insight into the Danish informal study environment
- Project-based and hands-on learning
- Scientific skills
- Housing guarantee
- No tuition fees for EU students

Free transport from Hamburg and Kiel

SDU offers free transport from Hamburg and Kiel to our campus in Sønderborg and back.

End the day in Sønderborg

At the end of the day enjoy a lunch package from Café Alison and get to know the charming city of Sønderborg in a guided tour. Study representatives from the university are guides for the guests all day – they are on the bus from the very start.

Sign up for the Study Try Out

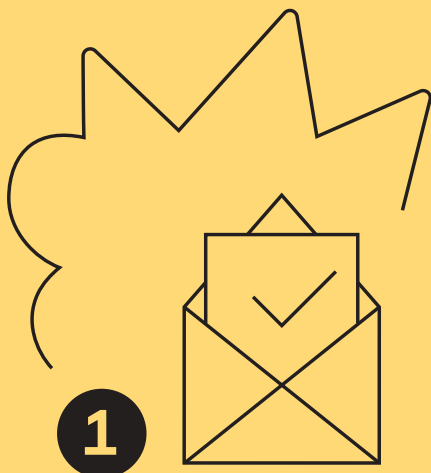
Registration for the event takes place online for a limited number of seats within each subject area. Sign up at: sdu.dk/sto

Contact information

sdu-soenderborg@sdu.dk
+45 6550 1102



Admission for Bachelor programmes



1

Entry requirements

All above mentioned programmes have the following entry requirements:

- 1) Qualifying examination
- 2) Specific entry requirements (different for each programme)

In Denmark, the national application system is based on different quotas (quota 1, 2 or 3). All non-Danish applications get assessed in quota 2. Applications where the qualifying examination can be transferred into the Danish system, will be assessed in quota 1 as well, via the grade point average, just like all Danish applications. Through this system, some applicants do have two chances to get a spot at SDU.

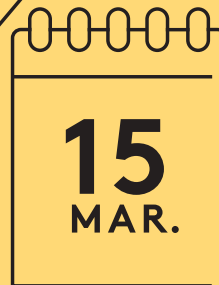
Language requirements

Applicants must prove at least English language qualifications on the intermediate level. You can submit a TOEFL or an IELTS test or for most European countries, the lectures from High School can cover this requirement. Are you applying for a Danish taught programme, you must document high Danish language knowledge.



The Bachelor programmes offered at SDU Sønderborg:

- BEng / BSc in Eng. in Electronics
- BEng / BSc in Eng. in Mechatronics
- BSc in Eng. in Engineering, Innovation and Business
- BSc in European Studies
- BSc in Economics and Business Administration – Global Business Relationships
- BSc in International Business Administration and Foreign Languages



2

Application deadline

All applicants must apply before 15 March, noon, via www.optagelse.dk.

The application system opens on 1 February.

Once the application is sent, a signature page opens.

This page must be sent to admission@sdu.dk – without this document, SDU is not able to get the application.

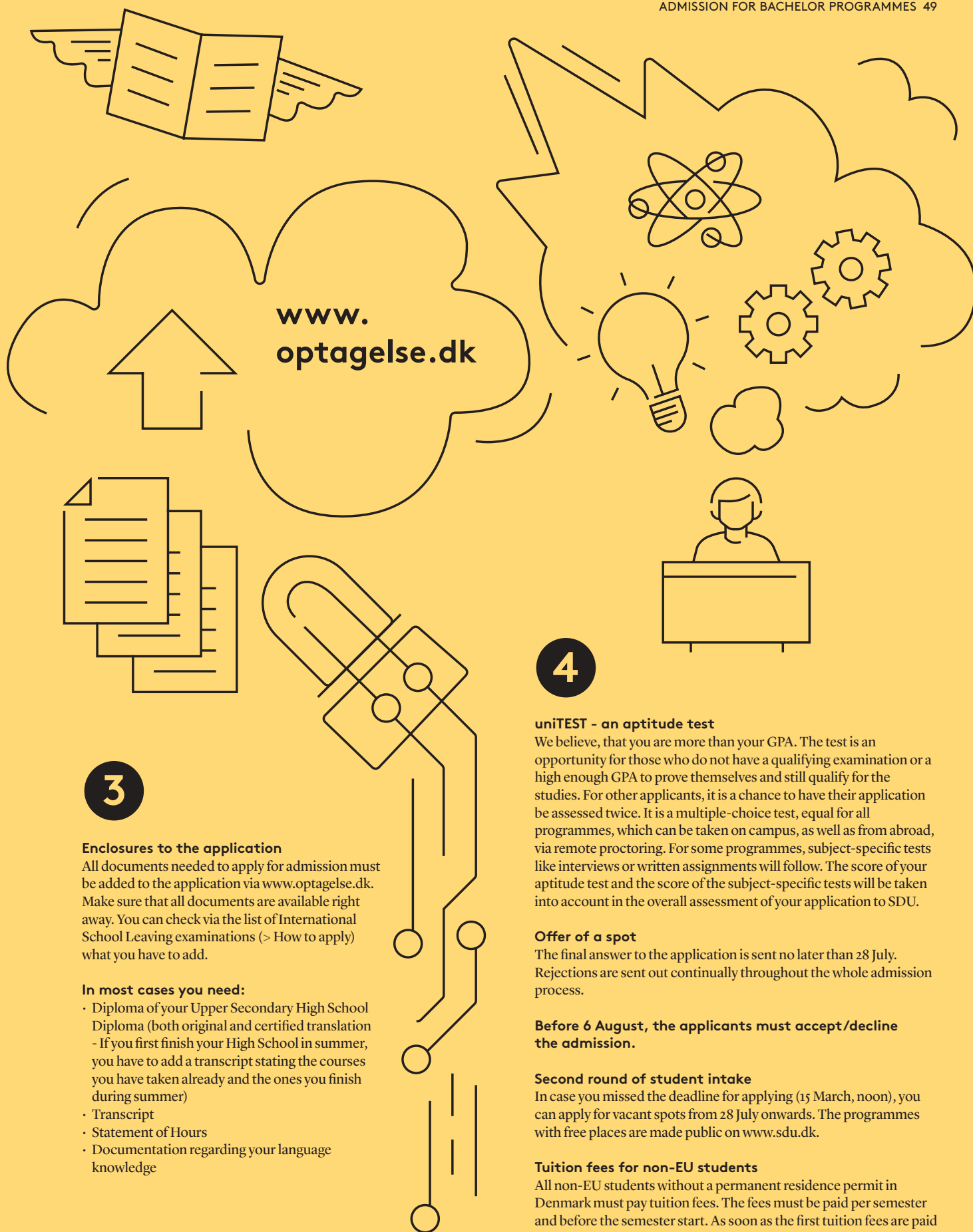
Shortly after 15 March, the applicant will receive a mail with a username and password to follow the application via the online communication platform AdmissionSDU. Missing documents, e.g. Diplomas/Certificates can be added to an application until 5 July, noon.

The final deadline to send documentation about completion is 31 August.

Few programmes require that all documentation is submitted before 5 July. This is mentioned under the entry requirements of the programme.



1



3

Enclosures to the application

All documents needed to apply for admission must be added to the application via www.optagelse.dk. Make sure that all documents are available right away. You can check via the list of International School Leaving examinations (> How to apply) what you have to add.

In most cases you need:

- Diploma of your Upper Secondary High School Diploma (both original and certified translation
 - If you first finish your High School in summer, you have to add a transcript stating the courses you have taken already and the ones you finish during summer)
- Transcript
- Statement of Hours
- Documentation regarding your language knowledge

Contact information: admission@sdu.dk

4

uniTEST - an aptitude test

We believe, that you are more than your GPA. The test is an opportunity for those who do not have a qualifying examination or a high enough GPA to prove themselves and still qualify for the studies. For other applicants, it is a chance to have their application be assessed twice. It is a multiple-choice test, equal for all programmes, which can be taken on campus, as well as from abroad, via remote proctoring. For some programmes, subject-specific tests like interviews or written assignments will follow. The score of your aptitude test and the score of the subject-specific tests will be taken into account in the overall assessment of your application to SDU.

Offer of a spot

The final answer to the application is sent no later than 28 July. Rejections are sent out continually throughout the whole admission process.

Before 6 August, the applicants must accept/decline the admission.

Second round of student intake

In case you missed the deadline for applying (15 March, noon), you can apply for vacant spots from 28 July onwards. The programmes with free places are made public on www.sdu.dk.

Tuition fees for non-EU students

All non-EU students without a permanent residence permit in Denmark must pay tuition fees. The fees must be paid per semester and before the semester start. As soon as the first tuition fees are paid by the student and received by SDUs, we start the VISA process.

Admission for Master's programmes



1

Entry requirements

To be admitted to a Master's programme, you must have a relevant Bachelor's degree, professional Bachelor's degree or another degree on an equal level. For most programmes, you must fulfill a certain amount of ECTS credits in several specific core areas.

Language requirements

When applying, you have to prove your proficiency in either English or Danish, depending on the language of instruction used in the relevant programme. Applicants must prove at least English language qualifications on the intermediate level. You can submit a TOEFL or an IELTS test or for most European countries, the lectures from High School can cover this requirement. Deadline for proving proof of English skills is 15 May. Are you applying for a Danish taught programme, you must document high Danish language knowledge.



2

Application deadline and admission process

The application deadline is 1 March (for non-EU citizens, 1 February). The application portal DANS, can be accessed on www.sdu.dk/en/uddannelse/kandidat/saadan_soeger_du

Right after the deadline, all applications are checked for missing documentation. If a document is missing, we will contact the applicant via the application portal.

The Master's programmes offered in Sønderborg

- MSc in Eng. in Mechatronics
- MSc in Eng. in Electronics
- MSc in Eng. in Engineering, Innovation and Business
- MSc in Business, Language and Culture



**WWW.SDU.DK
(DANS portal)**

3

The bachelor's programme must be finished before 1 June in the year of application. For Non-EU applicants, this deadline is 15 May. We will answer all applications no later than 10 June.

If you are offered a spot at the programme, the spot must be accepted via the application portal before 15 June.

Some Engineering programmes start twice a year. Application takes place through the same application portal. The spring semester starts on 1 February, with application deadline 15 October (non-EU, 1 September). Documentation must be ready on 25 November and the answer will be sent to all applicants on 10 December. The deadline to accept an offered spot is 15 December.

4

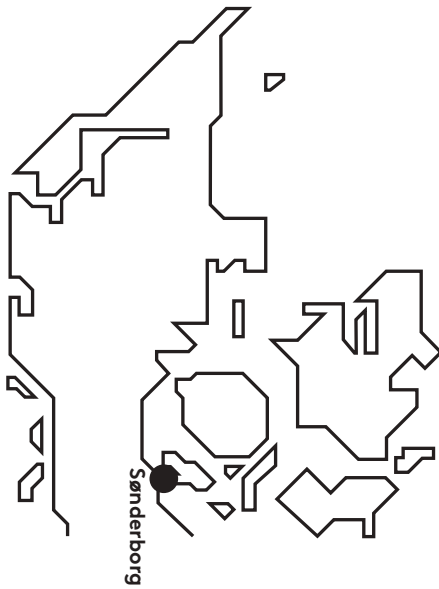
Tuition Fees and Scholarships

All non-EU students without a permanent residence permit in Denmark must pay Tuition fees. The fees must be paid per semester and before its start. Once the first Tuition fees are paid and received in SDUs account, we start the VISA process. SDU can offer scholarships for students in some Engineering programmes. If you are a non-EU citizen and are applying for a programme spot, you apply for the scholarship at the same time automatically.

Application fees

To get their master's programme's application processed, applicants from a non-EU country, who do not hold a residence permit for Denmark, must pay an application fee - 100 Euro. Once the application is submitted, SDU will contact the applicant with further information regarding the payment process.

Contact information: admission@sdu.dk



SDU Sønderborg is located in scenic and historic surroundings with views to both Allsund and Sønderborg Castle. The university's more than 1,000 students are just a short walk from the city centre, water, beach and forest. Sønderborg is close to the German border and easy to reach from cities like Flensburg or Hamburg. The city has an airport with direct flights from and to Copenhagen.

Emil

It is great to be an engineering student at SDU Sønderborg, because you get to work extremely close to the industry while focusing on specific cases. It means that you are in a constant dialogue with the industry as well as other important influencers.

Besides that, there is a unique environment. On one hand, we have a very international atmosphere, and on the other hand SDU Sønderborg is a small campus, where you know everybody, no matter what faculty you study at. To me it means that it is possible to be part of an even larger network.



Hanna

In my study programme, BSc in International Business Administration and Modern Languages, we have a shuttle bus, which we take every Tuesday and Thursday. It makes the commute between Flensburg and Sønderborg very easy. It is awesome to be a part of SDU. The study programme opens for a lot of possibilities afterwards. It makes it possible to study in Odense, Copenhagen or even in a complete different country. I love languages. It is great to talk and improve my English, while I also learn the Danish language.



Your excellent choice to aim for a global career!



**Community with more
than 50% international
students**



**Excellent English
programmes for a
global job and career
environment**



**Small study
groups and
personal teaching**



**Industrial and
business experience
with companies**



**Free university
education
(no fees for EU-citizens)**

**Innovation-based
learning**



**Guaranteed
student
accommodation**





Diversity University

