

University College of Northern Denmark

# EXPERIENCE FOR LIFE 30 NATIONA IN ENGLISH DENMARK









# WELCOME



4 19 international undergraduate programmes

10 What Denmark and Aalborg can offer you

12 Academic life at UCN

**14** Why study in Denmark

20-57 AP and BA programmes in English

20 Financial Management

22 Marketing Management

24 Service, Hospitality & Tourism Management

26 International Sales & Marketing

28 International Hospitality Mangement

30 Sport Management

32 Export & Technology Management

34 Computer Science

36 Multimedia Design & Communication

38 IT Network & Electronics Technology

40 Design, Technology & Business (Graphics)

42 Automation Engineering

**44** Energy Technology

46 Web Development

48 Software Development

**50** E-Concept Development

**52** Product Development & Integrative Technology

54 Architectural Technology and Construction Management

56 Natural & Cultural Heritage Management

58 Housing in Aalborg

**60** General information

**62** The Danish Higher Education System

University College of Northern Denmark (UCN) is a newly merged institution working in the fields of education, development, applied research and innovation. UCN is active in healthcare and wellness, social studies and education, technology and business, training and lifelong learning. We have over 9000 students in full degree programmes, and more than 8000 part-time students undergoing higher and further education and training. Being a regional institution, we service the northern part of Denmark.

This brochure presents all 19 English-taught programmes.

UCN has longstanding links with business, industry, public sector and professional organisations, and our commitment to being Denmark's leading university of professional higher education means you benefit from our drive to ensure that you, our graduates, are the first choice for employers.



# to University College of Northern Denmark

Whatever you want to do - or if you are not quite sure yet - we will do everything to boost your opportunities and help you on your way to a happy and successful future career. From Business to Hospitality, IT Technology and Construction Management, every one of our programmes is designed to develop the skills employers are looking for. We focus on applied management skills, meaning that we not only teach

you theories, we also make sure you know how to use them in practice on real challenges that occur in real-life companies. UCN works closely with experienced business people to organise our teaching programmes.

Practical experience in business or industry gives you a real advantage when you start looking for jobs. We offer work relations and compulsory internships on all our programmes, giving you the opportunity to develop the skills you need for your career, and thereby increasing your employability and entrepreneurship.

UCN offers professional academic programmes to students who need quick access to a business career. We reach our goals through a modern teaching approach, high-quality learning facilities and committed staff and students.

UCN's doors are open to Danish as well as international students from all over the world. All our programmes are taught in Danish, but an increasing number also in English.

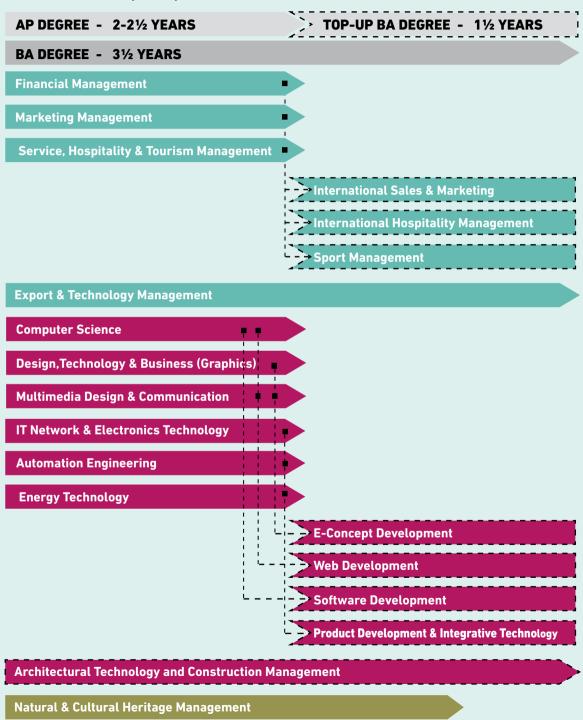
UCN is there for you and your career.





# 19 INTERNATIONAL PROGRAMMES

This figure illustrates the duration of our study programmes and how they can be combined to form a tailor-made course of studies to suit your specific interest and needs.



# GRAB YOUR CHANCE FOR A BETTER FUTURE

UCN is a dynamic and innovative training institution abroad to allow you to apply that focuses on high quality undergraduate education with an emphasis on professional skills, classes. applied sciences and personal competencies.

#### Level of degree and recognition

Today, UCN offers a variety of study choices for our prospective students ranging from academy profession (AP) to bachelor's degrees (BA). Being a university of applied scienses, UCN focuses on developing the graduates' skills and competencies so that they can be an asset for the employers from day one.

In the table on page 4, you can see the large and unique number of 2-year AP Degree programmes we offer and how they can be extended to bachelor degrees by adding another 1.5 years of studies. Thesead-ons are called top-up programmes.

The combination gives you two different degrees/diplomas and also two different internships of 3 months' duration each. The advantage of graduating with a bachelor's in this way is that the student can combine different fields of study. For instance, you can start out with an AP Degree in Marketing Management and after graduation continue your studies to get a bachelor's degree in Sport Management with another 1.5 year of studies within that subject area.

UCN is unique in Denmark due to the number of programmes we offer taught fully in English. Another special feature is the diversity of our business and technically-oriented subjects and the possibility of combining AP degrees with top-up bachelor's degrees. In fact, any UCN AP degree can lead to a bachelor's degree in this way.

You can also study on a full 3.5-year bachelor's programme in a single subject field where there is one internship of 6 months' duration in a company in Denmark or

what you have learnt during

The AP Degree is a short, pragmatic programme aimed at a business career. It is normally comparable to the first 2 years of a bachelor's degree and eguals 120-135 ECTS. Our bachelor's degrees are of 3.5 years' duration - 210 ECTS.

The BA degrees of 3.5 years' duration can be studied within one field of study or as a combination of an AP Degree (2 years) + a top-up BA degree (1.5 years/90 ECTS points).

Having graduated with a bachelor's degree from UCN, you can study for a master's degree in Denmark or abroad - typically after another 1-2 years of studies.

tions in Denmark are governed by national legislation concerning degree structures, teacher qualifications and examinations. They are all world class education providers.

All programmes are accredited by national, independent accreditation agencies and the Accreditation Council.

#### Language of instruction

All the mentioned programmes in this brochure are taught fully in English.

#### **Application deadline**

15 March for September intake and 5 December for February intake (later applications are antee you a place).

#### **Application procedure**

All higher education institutions in Denmark use the same application form. The applicants have to fill in a co-ordinated enrolment form called the KOT form, which is similar to the UCAS system in the UK. Find the application forms and application instructions at UCN's website: www.ucnorth.dk

#### Starting date

All programmes start on 1 September or 1 February, but introduction day for international students is normally 2

Learn more on www.ucnorth. dk or contact the international office at UCN:

### **GENERAL INFORMATION**

# MODERN TEACHING METHODS AND TECHNIQUES

"Think, play, participate", describes what we expect from all our students and the atmosphere where the teaching takes place.

UCN places its special focus on preparing you for the competitive work in the business sector, and thus the methods used will be group-based thematic activities, miscellaneous projects, quest lectures, field trips, independent group work, case studies and debates. The lectures are conducted in a friendly, yet constructive, manner as a dialogue between the lecturer and the students. In most cases, there will be no right or wrong answer; your opinion and arguments are of the greatest importance to us. Our business partners play an active

role in developing curricula, curricula, giving our students an advantage when it comes to employment.

As a student, you can specialise through your choice of electives, specialisation and final project topic. UCN can also offer study abroad opportunities e.g. through our Erasmus Charter and other bilateral agreements in Australia, the USA. Korea etc.

All programmes feature a compulsory internship in a company in Denmark or abroad during which you during which you will apply in practice what you have learnt in the classroom.

#### **Assessment**

Assessment is carried out through a combination of course work, assignments and interdisciplinary examinations. A range of methods used include problem-solving exercises, formal reports, either oral or written, presentations, and other special assignments.

# Financial support for students who go abroad

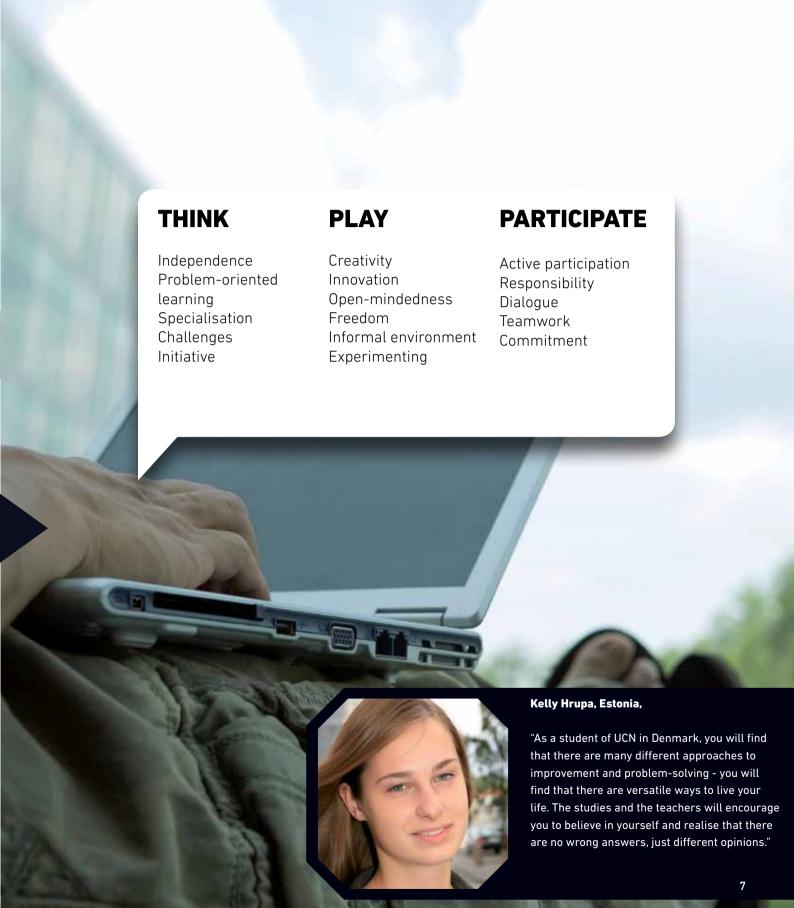
Each year, UCN sends many of its students and lecturers abroad to partner institutions in and outside of the EU. Before undertaking their internship or studies abroad, our students can apply for financial aid from EU funding, funding which UCN receives for its students from the Danish state, or funding from private funds that support UCN's international activities.

# Friendly student counselling and career services

The International Office provides practical support to life in Aalborg and and going-abroad activities. The student and career counsellors are there to help you if life gets difficult or you need to talk to someone or receive good advice. They can also guide you in terms of elective subjects, career and job opportunities etc.

#### Social events

UCN staff and student unions and buddies organise a number of social events such as the sports day, Halloween parties, other theme parties, bowling trips, Friday bars excursions and company visits.



# PREPARING STUDENTS FOR THE GLOBAL WORKPLACE

The global workplace of today is looking for employees who not only master theory and the ability to think out of the box, but who can also communicate their ideas, collaborate and establish trust in others.

The development of those skills is what we call "the whole person" approach, because it develops and integrates skills of the mind, the heart and the legs. The goal is to develop a career-oriented mindset along with the student's ability to combine professional skills with personal and social skills in a way that fosters creativity and innovativeness in their future careers.

"The whole person" approach at UCN reflects the goal that all graduates of UCN, regardless of subject area, should be able to put their knowledge to good use. "The whole person" is the image of a person, who has achieved both professional and personal development and who has learned in practice to combine these different areas of knowledge and know-how in a way that creates value.

"The whole person" approach is part of an overall pulse philosophy at UCN. This philosophy - as a way of teaching and learning - is our way of meeting the needs of the modern workplace. We have noticed the effects of this philosophy in the increasing number of students who choose to study at UCN, we see it in the

students' evaluations, and we get positive feedback from the companies we work with.

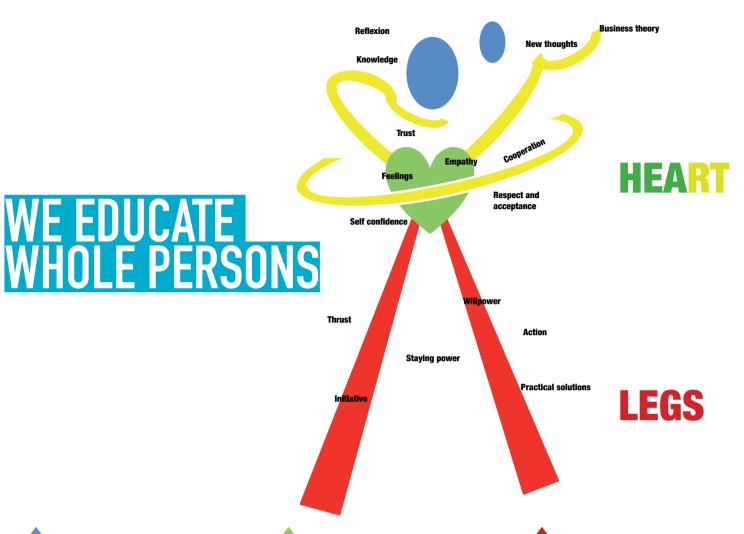
A number of initiatives at UNC aim at supporting and strengthening "the whole person" approach:

- Onboarding and offboarding of students: all students are welcomed to UCN as if they were a new employee and are similarly acknowledged when they graduate.
- INSIGHTS for Self-Evaluation and Personal Development: all students get their own personal profile, which helps them identify how they can benefit from each other's and their own strengths and abilities.
- Student Involvement Events: Sports day, camps, studentto-student services, clubs e.g.: drama, band, choir, sports

etc. organised by our student ambassador corps.

- Health Certification: UCN is health certified and has free sports activities for staff and students. We also have policies on alcohol and smoking and promote healthy nutrition.
- Wall of Fame: Celebrating students who win our design competitions, do extraordinary things and engage in extracurricular activities i.e. students who simply make a difference.
- "Lecture assistants": older international students who have understood how you perform in a Danish learning context: they explain techniques and ways of learning in a practise-based environment with no hierarchy, and they help newcomers every week on each programme.





#### **HEAD COMPETENCIES**

- Knowledge, reflection and ability to generate ideas
- Handling complex problems
- Analysing and organising knowledge
- Generating new thoughts
- Professional insight and curiosity
- Business flair
- Holistic attitudes
- Understanding learning and academic processes
- Learning to learn

#### **HEART COMPETENCIES**

- Personal insights and development
- Relationships and co-operation
- Clout getting ideas accepted.
- Ability to feel and generate empathy
- Understanding your own influence on surroundings
- Fine-tuned communicative skills
- Respecting differences
- Developed self confidence

#### **LEG COMPETENCIES**

- Will to act responsibly
- Transforming theory into practical solutions
- Transforming insights into new approach and action
- Willingness to undertake personal responsibility
- Handling complex tasks
- Decision making skills
- · Taking initiative
- Staying power

# UCN AND BEYOND!

#### Annamaria Kubovcikova, Slovakia

"After graduating from the UCN Marketing Management programme, I continued my studies at the Aarhus School of Business (ASB) on the master's programme in International Economic Consulting.

I enjoyed the time at UCN and have a lot of positive memories. I think it is a great place to start an education, especially for a

foreigner like me. I needed the time to get accustomed to the new environment and new way of learning. I can see I have an advantage in my graduate studies compared to the people who just came to Denmark because I am used to applying theory in the exams and during lecturing and studying in general. I appreciated the group work at UCN; it has taught me how to work in teams. I am working in a voluntary organisation AIESEC as the Vice President of External Relations, and currently I am working in Korea. I can confirm that I am using the marketing and sales background that I got at UCN for accomplishing my goals in the organisation."



"I graduated from UCN in 2009 with an AP Degree in Financial Management. After that, I finished my bachelor's studies at Aalborg University (AAU) and continued

there to a Master Degree in International Business Economics. The Financial Management degree gave me an excellent opportunity to get an insight into the financial perspective of the business and gave me the direction of which career path I should choose in the future. Currently, I am spending my summer internship at Global Banking and Markets, which is the investment banking part of Royal Bank of Scotland in the UK. I can strongly recommend UCN to anyone."

#### Louise Holk, Denmark

"In 2008, I graduated from the Service, Hospitality & Tourism Management programme at UCN. During my internship, I had worked 5 months in Dubai, United Arab Emirates at the Ritz Carlton. As a direct result of my internship experience and knowledge from Ritz Carlton, I was, after graduation, employed as the Guest Relations Manager for the NP Hotels (D'Angleterre, FRONT, Hotel Kong Frederik in Copenhagen). It was an entirely new position at the NP Hotels, so I started from scratch and was responsible for all the Guest Relations departments at these hotels. In 2009, I had the chance once again to move to Dubai and to work as a marketing coordinator for an oil trading company, International Bunkering Middle East DMCC. Concurrently with my jobs, I've been studying for the diploma in business administration (HD) at CBS, Copenhagen; virtually, however, as I'm living and working in Dubai."



#### Irina Lopatina, Latvia

"After graduation and my Erasmus semester at UCN in Aalborg, I am now working at NORDEA - in the Nordic and International department as Junior Relationship Manager in Riga, Latvia. I am also studying

in the evenings and Saturdays as well. It's a very hard and intense period for me, but I am very satisfied and sure that the stay in Denmark helped me a lot to become employed in a Scandinavian Bank in my home country."

#### Mykhailo Bevz, Ukraine

"I graduated from the Marketing Management programme at UCN in 2009. After an intensive search for jobs, I started as Account Manager for Nordsign A/S in Hadsund, DK working with CPM/ERP system analysis and implementation, sales force automation planning and the company website."



#### Chris Leue, Germany

"After graduation in 2010 from the Financial Management programme, I am currently working for Spar Nord Bank, which is one of the biggest banks in Denmark. Since I left

UCN, I was concentrated on making a career in the financial sector as well as educating myself further by taking a real estate education. Hard work, a positive point of view and a smile can make a major difference."

#### Tony Kolarov, Bulgaria

"All my life, I have been dealing with sports, but when I first came to Denmark, I did not really know what exactly Sport Management means and deals with.

Graduating from UCN, I am now confident in my skills, and I am proud to say that I have the theoretical and practical competency to work at the highest level in any sport or event management organisation. Finally, I realized what my calling is, and right now I am fulfilling my dream in London, UK. I am really grateful to the lecturers I have been working with, and at this point, I cannot be any happier that I chose UCN and Sport Management as the right direction for my professional endeavours."



#### Vlas Batura, Ukraine

"I studied computer science and graduated in 2008. I liked the logical challenges and there is a great potential in this specialization worldwide. As a student at UCN, I was quite busy - I had a part time job, attended Danish courses and was occupied with different projects and home tasks from school. fter graduation, this work paid off; shortly after, I got a job as

Navision developer within Navtilus Software. But the learning process has not stopped. I had to get familiar with a new software system and improve my Danish as all communication within the company and with customers was in Danish. Now I am working at Trimit Software company with Navision integration, development, testing and documentation and would like to get on a new higher level. That is why I am going to apply for a part-time bachelor's degree in Software Development at UCN in the near future. So, learning never stops... "



"I am currently working as an international co-ordinator at University College of Northern Denmark after having taken an AP Degree in Service, Hospitality and Tourism Management and a top-up in International Sales and



UCN and Denmark have given me not only a world class education, but real life experiences as well. Living abroad builds one's character enormously. When reflecting on the whole rapid process within those 4 years, I have found the success formula which has worked for me, namely being positive, persistent, proactive and punctual. I have always appreciated all the opportunities Denmark has for the international students. I could study Danish language entirely for free for 3 years, and the combination of the Danish language afternoon classes and the contact with the local Danes through a part time job at IKEA helped me learn the language at a communicative level, which is a giant tool for being able to continue with my professional career in Denmark."



#### Adam Peter Mills, Scotland

"My favorite thing about UCN was how the students gained a close relationship with the teachers. We weren't treated as "just another student". This made it much easier to ask for help, whether it was problems with learning, or even helping to translate official documents into English. When I have completed my bachelor

degree, I will begin looking for a job in the financial department within an international company".



#### Kirill Panev. Lithuania

"I took two years of education in UCN in IT Networking and Electronics with the electronics specialisation. I obtained and AP Degree, and then I decided to go to Aalborg

University to pursue a bachelor's degree first and then continue with a master's because I want a highly technically oriented degree where I can continue for a scientific career ending up with a Ph.D. in the science field. I got transfer credit for my AP degree so that I don't need to start my education at Aalborg University from the beginning. I obtained a lot of practical knowledge from UCN, which will be a huge help for me in the future. UCN gave me the fundamentals and the practical orientation in the field of electronics, and I will be glad to build my knowledge on top of this foundation. I am very thankful to all my teachers."



#### Tilano Roser, Germany

"I studied Multimedia Design at UCN, and it is all about being creative and sometimes thinking in different ways. It is about wanting to understand the world. life and the things

that surround you. For me, it was a case of finally being able to bring out my creativity again after having suppressed it since I left kindergarten. The study programme is organised in a very constructive way. You have much better opportunities to get involved in classes, because most classes at UCN have a maximum of 30 students. Not like in many German, overcrowded universities with 250 people in an auditorium. This means that the lectures change from monologues to dialogues because studying means developing yourself.

After graduating my studies, I went straight to Cologne to start something completely new once again. I established my own multimedia design business and a fashion brand called 'nosedive'. I will still offer web design, branding and printing, but I will also be very occupied with my fashion brand and online selling."

# ACADEMIC LIFE AT UCN — SO MUCH TO OFFER...

UCN has a lot to offer its students. Below are a few highlights of the most important reasons for choosing UCN as your future study abroad destination.

#### How we teach

With over 180 professional staff and continuous investment in development and research, UCN is a stimulating and inspiring environment for your studies. Read about our unique learning approach at UCN on pages 6 and 7.

### A head start to a promising career

Studying at UCN means that you get a quick start in your future career with many paths to take at middle-management level, and it also gives you the possibility to continue your development at a number of universities and schools in Denmark, the Netherlands, France, Great Britain, Australia, the USA, Norway or Hawaii - places that UCN has made agreements with.

## **Challenging education**

Thanks to good, long-term contacts with the business sector, we guarantee that the qualifications obtained by our students are relevant to an increasingly global business environment. The hands-on management situations and entrepreneurial agenda are very popular among the students in general and the international students in particular.

## Modern, high-quality learning facilities

UCN is a modern academic space for teaching and research with three premises in Aalborg. We take pride in offering 24/7 access, up-to-date IT equipment and a library that subscribes to a number of academic and business-oriented databases.

Danish design dominates the buildings, the light, the interior and furniture, making the whole environment very friendly, bright and inspiring.

# Intimate, intercultural atmosphere

At UCN, not only the teaching, based on classroom learning, but also the facilities surrounding the classrooms are inspiring and lively with art on the walls and cosy corners where students can sit for a cup of tea or to do group work. The students are of various nationalities, which contributes to the intercultural understanding based on dialogue, debate and commitment.



www.ucnstudentcommunity.dk

#### Aleksandra Goinska, Poland



"When I graduated from high school in Poland, I was looking for some good universities abroad, but the payments were so big I gave up. When I found out that you can study in Denmark for free, I applied right away. I did not know anything about the city or the school, but I felt like I already belonged there. Danish people are incredibly nice. They are willing to help you with everything. There are good and bad times, but fighting for your attitude, friends, home and job make your personality stronger. This is the experience you cannot get living in your home country where you have everything on hand. You are on your own now!"

# UCN STUDENT AMBASSADORS ARE THERE FOR YOU!

UCN Ambassadors welcome you to Aalborg. We help you by organising hobbies, events, student-to-student services and relevant freshman information.

- The ambassadors coorganise parties for Danish and international students e.g. black light party, traffic light party and other theme parties.
- They initiate cultural events and organise e.g. picnics, out-door events and excursions, teambuilding activities, film nights, maintain and up date the event calendar with all the free activities, concerts, cultural events etc. that go on in Aalborg.
- They run different leisure and sport activities, which are organized in clubs and free of charge. This means that you can e.g. play basketball, volleyball, football, do modern dancing, play in a band or join the drama club.
- The ambassadors continually take up new activities. All current students are welcome to make suggestions for new activities or sports and to send an application to become an ambassador.

UCN and the ambassadors have developed a virtual community for all study programmes where students can share information about events, concerts, competitions, buying and selling items, carpooling, subletting accommodation, jobs and internship opportunities, good advice and experience. We call it UCN student community. Visit here:

The virtual community is based on the idea that the best ones to help others are those who are in the same boat. Our students are active in town, they are using the facilities, they have their finger on the pulse.

UCN students are also blogging about their life and studies in Aalborg, this is also a very good and not least interesting source of new information about the city, the life you can lead here, and other student's experiences to give inspiration and help to new-comers. Go to the blog here:

http://meyouucn.blogspot.dk/ p/ucn-ambassadors.html

Last but not least our students have a Facebook group for sharing problems and victories and discussing daily life. UCN has facebook and Twitter pages where you can follow us and stay up to date: http://

www.facebook.com/ UCNTBInternational

ξ.

https://twitter.com/ UCNTandB



# WHY STUDY IN

### SMALL COUNTRY – BIG OPPORTUNITIES

Denmark is a modern welfare state with an international outlook. The Danish knowledge-based economy, covering areas such as biotechnology and food and environmental science, is highly developed. All Danish higher education institutions benefit from their co-operation with business, industry as well as research and development institutes, creating an enriching and vibrant learning environment for students.

Danish higher education is famous for its innovative teaching approach and high international standards. The institutions offer a dynamic study environment, emphasising independent study, initiative and project-oriented learning.

As a student at a Danish higher education institution, you are encouraged to play an active role in your learning process and take responsibility for planning and carrying out your projects, either independently or together with other students. In addition to attending lectures, you will be expected

to participate in discussions and continuously develop your critical thinking and analytical skills.

For international students, the Danish approach to teaching and learning can introduce a whole new way of studying and thinking, which will challenge you and provide you with an excellent platform for your future career.

Higher education in Denmark is regulated by the state, and all public institutions are subject to continuous approval and evaluation processes. The institutions have a high degree of autonomy, but they are required to follow the

#### A DANISH EDUCATION PROVIDES YOU WITH:

- · Strong analytical and communicative skills
- · The ability to work independently and in groups
- An international profile from a high-quality education system
- An excellent platform for your future career

national regulations for e.g. teacher qualifications, degree structures, examinations and external examiners. The regulations define the national standards for Danish higher education and ensure that all students obtain an education of the highest quality. A nationally established - fully independent - accreditation agency assures the quality and the relevance of higher education programmes. Furthermore, many institutions have obtained international accreditation for their programmes.

All institutions of higher education in Denmark use the European Credit Transfer and Accumulation System (ECTS), which facilitates European credit transfer.

(Source of information:: The Danish Agency for Universities and Internationalisation under the Ministry og Science, innovation and Higher Education)



#### Intars Guza, Latvia

"The reason why I came here is the thing that I like the most - the teaching style. It is free and open to all kinds of discussions, different opinions, different approaches and different solutions. Our lecturers are very highly qualified and have lots and lots of experience that they share with us every day. And from what can you learn more than other people's experience? After graduating my current degree, I plan to put my gained knowledge into action by pursuing further education as I believe that I will have a great base of knowledge to get further and to achieve my goals."

# DENMARK?













### Incoming exchange students

Due to the extensive network of partners that UCN has developed through many years of active involvement in international networks such as EAIE, SPACE, Nordplus, Leonardo, Erasmus, EURASHE etc., we have a large number of incoming exchange students every year. These students are already enrolled at a higher education institution in or outside of Europe.

An exchange student can study at UCN for one or two semesters and choose a semester on one of the 19 programmes in English. One semester is equivalent of 30 ECTS credits. Students wanting to be exchange students at UCN are advised to contact the international office at their home university.

At www.ucnorth.dk, you can find the curriculum, subjects and corresponding ECTS credits for each of the programmes plus the full list of all our partners.

You can get more information by contacting the International Office at international@ucn.dk

Application forms and our learning agreement can be found on www.ucnorth.dk



# DENMARK

#### **Facts about Denmark and the Danes**

- Denmark's population in 2010 was approximately 6 million people.
- Denmark is known for being committed to human rights and fighting for a sustainable climate.
- Denmark has a long tradition of life-long education.
- Most of the Danes prefer going to work by bicycle rather than by car.
- 85 per cent of all Danes have got internet access at home.

- Denmark is a constitutional monarchy and the head of state is Queen Margrethe II.
- Denmark was the heartland of Viking society during the Viking Age.
- Informality is a key word for the Danes.
- Denmark is a Mecca for admirers of modern design, architecture and fashion.

According to the World Database of Happiness, Denmark tops the list of the world's happiest countries.

How come? Probably because it is a rich society characterised by a non-hierarchical structure, open democratic dialogue and a long tradition for life-long-learning.

Denmark has a very well organised infrastructure all over the country, almost no unemployment, a welfare system that offers free doctors, hospitals, education and a number of other social benefits, a very low crime rate and hardly any poor people. Foreigners living in Denmark benefit from the Danish welfare system on an equal footing with Danes.

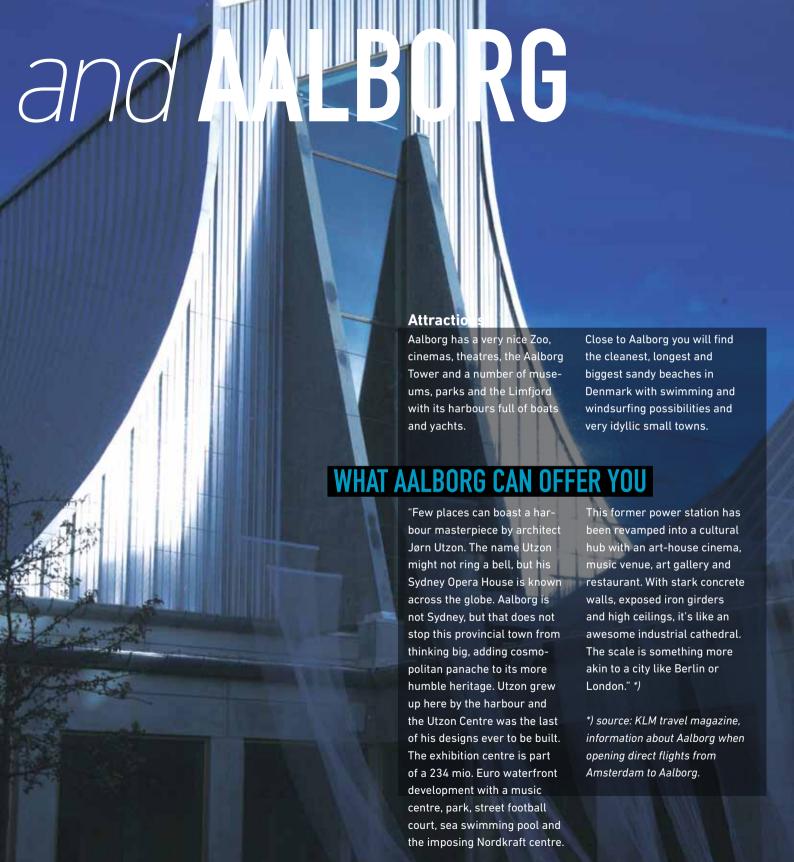
Denmark also shows its strong political commitment as a member of the Nordic Council, The United Nations, NATO and the European Union. Despite of this, the Danish currency is still the Krone, DKK, although it is pegged to the EURO.

Denmark is a Northern European country. Characteristic of Denmark's geography are the many islands, a total of 407. No place in the country is further than 50 km. away from the nearest sea or fjord. We have a mild climate all year round: warm summers and not severe winters moderated by the effects of the warm Gulf Stream.

The Danish language is spoken by approx. 6 million people - mainly in Denmark. Foreigners say that if you know some English and German, Danish is not so difficult to read, and if you make an effort, you have a chance to learn it while studying at UCN.

Knowing the Danish language will increase your job opportunities not only in Denmark but also in Scandinavian companies abroad.







# **GENERAL INFORMATION**

Aalborg is a relatively small but still cosmopolitan city that is very popular among Danish students and students from all over the world. Aalborg is like a campus in itself. Aalborg is known for the high academic standing and up-to-date education, diverse diverse entertainment activities and fun, beautiful nature, architecture and design. It is located in the upper parts of the Jutland peninsula, known as the number one tourist destination in Denmark.

About 200,000 people live in Aalborg, which makes it the 3<sup>rd</sup> largest city in Denmark. It is a bicycle-friendly city that lies on the banks of the picturesque Limfjord and is a neat and tidy city with clean air.

## Eating & drinking out

The city has a great choice of places for eating and drinking – more than 300 bars. You can easily find student-budget friendly spots and places offering Danish, Thai, Italian, Chinese and Greek cuisines. Danish people are fond of charming cafés and pubs, and Aalborg has a lot of them!

#### Night life

The famous Jomfru Ane Gade, a street full of discos, bars, pubs and cafés, is a real pride of Aalborg. It's a great place for those who love to relax and spend a night dancing or just having a drink with friends.

## **Sporting** traditions

BAalborg is also home to professional ice hockey, handball and football teams in the best leagues in Denmark, Several times, the teams from Aalborg have won the Danish championships. Along with that, you will find modern fitness centres and many places to play pool, football, badminton, go bowling or dancing or do athlectics, etc. and Aalborg also has very modern swimming pools - indoors and outdoors - with wellness and relaxing facilities.

#### Music & culture

The cultural life of Aalborg and neighbouring cities is very diverse. Aalborg has a number of theatres and cinemas. Students have a choice of venues hosting popular local and foreign bands.

Aalborg is frequently visited by world stars: Kylie Minogue, Rod Stewart, Bryan Adams, Take That, Elton John, Sting, Stevie Wonder etc. The most important events are Aalborg Carnival in May – the biggest in Northern Europe – drama performances and the Viking Festival.

#### **Shopping**

Two long pedestrian streets and Friis shopping centre are the main shopping areas at the heart of the city. You will be pleased by a great selection of boutiques offering designers' items, stylish shops and department stores that have everything your heart desires. Seasonal sales are the "must-visit" time. Don't forget Aalborg's large shopping centres – they provide much of the indoors shopping experience.





#### Nikole Michelle Eriksen Cevallos, Ecuador

"Studying at UCN is a great experience. The teachers truly make classes a good part of the day with active discussions and exercises that really allow us to apply what we learn to real life scenarios and see things from many perspectives. Being enrolled in the international programme has also given me the chance to meet many people from around the world and make new friends, enjoying my time in Denmark."



## 2-YEAR AP DEGREE

# FINANCIAL MANAGEMENT

#### About the programme

The AP Degree in Financial Management is a 2-year, full-time undergraduate programme. It is based on the business world's demands for staff with international competencies in the area of finance. This requires personal and managerial skills that will be enhanced through this programme making you well-equipped and competent to enter the financial sector.

The programme addresses several financial and managerial issues with the aim of providing a rigorous profile leading to the award of an Academy Profession Degree.

#### **Career opportunities**

The AP Degree in Financial Management will enhance your career prospects and your opportunities for increasing your earnings. With a Financial Management Degree, you will be able to work in the field of

financial consultancy in, for example:

- Banks
- Mortgage institutions
- Real estate administration offices
- Insurance companies
- Real estate companies
   or
- Financial departments of large private or public enterprises

You can also continue your studies with a top-up BA degree by adding 1.5 years to your AP degree in order to The advantage is that you get two different diplomas; first an AP Degree in Financial Mangagement, then a BA Degree in e.g. International Sales & Marketing. You can also continue to Aalborg University to top up have obtained a master's from Copenhagen Business School, Aarhus University or Aalborg a great career in either their home country or abroad.

#### **Programme structure**

The first 3 semesters take place at UCN in Denmark and consist of compulsory and elective subjects.

The 4<sup>th</sup> semester comprises an internship period in a company of your own choice and a final exam project.

The teaching and learning approaches are based on themes. This means that all subjects co-operate on joint, interdisciplinary semester themes in order to link the individual subject elements and create a more holistic/broad view.

Modules covered from semesters 1 to 3

- Financial enterprise and markets
- · Personal finance
- Customer/client relations
- Business economics
- Management and communications
- · Global economics
- Business law
- Statistics

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.

Read more on www.ucnorth.dk



# 2-YEAR AP DEGREE

# MARKETING MANAGEMENT

#### **About the programme**

The AP Degree in Marketing Management is a 2-year, broadly-based business career platform taking place in an international setting at UCN. It is a full-time, 4 semester undergraduate programme equal to 120 ECTS credits. Our programme provides you with the newest tools necessary when studying areas of marketing specific to the marketing function within organisations (e.g. sales management), as well as the study of contemporary marketing techniques.

On the Marketing Management programme, instruction usually takes place between 8:30 and 15:00. Teaching is divided into modules that last half a day or a whole day. For instance, a module could be about competitor analysis in the subject "International Marketing" or it could be a lecture, a group assignment, field analysis etc.

#### **Career opportunities**

After completing the Marketing Management programme, you can either choose to pursue a business career with your newly obtained AP degree, or you may decide to continue your studies on our bachelor's programme of International Sales & Marketing or International Hospitality Management or Sport Management. Other top-up BA programmes are available at other Danish universities or abroad in e.g. the UK.

Career opportunities include:

- Marketing co-ordinator
- Sales supporter
- Trainee
- PR worker
- Advertising consultant
- Export sales representative
- Project co-ordinator, or
- Purchasing assistant

#### **Programme structure**

The first 3 semesters take place at UCN in Denmark and consist of compulsory and elective subjects. It's also possible to study one semester abroad. In the programme's 4th semester, you can go for an internship at a company of your choice in Denmark or abroad. Lastly, a final project is to be written in order to complete the programme. This is to be made in close collaboration with a specific company which could be the same company as where you did your internship during the specialisation period.

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc. Modules covered from semesters 1 to 3:

- International marketing
- Global communication
- Project managementBusiness economics
- Global economics
- Statistics
- Business law

#### Elective subjects:

- Entrepreneurship
- Second language
- Logistics

Read more about Marketing Management at UCN on www.ucnorth.dk



# 2-YEAR AP DEGREE

# ITALITY & TOURISM MANAGEMENT

#### About the programme

Service, Hospitality & Tourism Management takes its point of departure in the latest relevant business practises and also contains a theoretical part. It is a full-time, 4-semester undergraduate programme equal to 120 ECTS credits. The graduate will be equipped to participate on all levels of the organisation. The graduate is expected to combine knowledge about business practises, cultural and innovative relations as well as principles regarding sustainable development. The graduate is furthermore expected to participate in customer relations and work with people of various educational, cultural and linguistic backgrounds in the organisaco-operation with the business sector supplemented by company visits, guest lectures, study trips and projects for you begin the programme, an introduction to the various specialisations of hotel and restaurant management, tourism management, sport management are presented to you, enabling you to choose your individual career path.

#### **Career opportunities**

Gaining the AP Degree in
Service, Hospitality & Tourism
Management will enhance your
career prospects and wageearning opportunities.
For instance, graduates can
choose to achieve a bachelor's
degree within approx. 1.5 years
in UCN's top-up programmes
or abroad - or begin their
career immediately and find a
job as, e.g:

- Marketing co-ordinator
- Sales co-ordinator
- Food & beverage assistant
- Event co-ordinator
- · Reception desk personnel
- Travel agency/booking assistant
- Project assistan
- Conference personnel
- Sponsor adviser

#### **Programme structure**

The programme consists of compulsory and specialisation modules together with a three month internship period in a relevant company in Denmark or abroad.

Compulsory subjects:

- Philosophy of science and methodology
- Analysis and statistics
- Industrial knowledge
- Service management
- Law
- Leadership and project management
- · Organisation and HR
- Creativity and innovation
- · Strategy and business plan
- Service marketing and trends
- Economics
- Global service and economics

- Business communication and networking
- Intercultural competencies

Specialisation areas: cover half a semester and are divided into:

- · Core national module
- Instituion-specific module and
- Specialisation module.

The 4<sup>th</sup> semester ends with a final dissertation and an examination.

Read more on www. ucnorth.dk

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.



## 1.5-YEAR TOP-UP BACHELOR'S DEGREE

# ERNATIONAL SALES & MARKETING

#### **About the programme**

The programme focuses on sales and marketing in an international context with special emphasis on business to business sales.

The programme is a full-time, 3-semester undergraduate programme equal to 90 ECTS credits. It is based on the business & hospitality worlds' demands for staff with international competencies for work in the area of international sales and marketing management.

With an AP Degree in Marketing Management or Service, Hospitality & Tourism Management or Financial Management or an equivalent higher education, you have access to this bachelor's programme. Please note that graduates from the Service, Hospitality & Tourism Management programme will be asked to attend a short interview. See also the other admission requirements on page 60 of this brockure

#### Career opportunities

With a Bachelor Degree in International Sales and Marketing you can get a good job as e.g.:

- Marketing manager
- Export manager
- Sales manager
- Sales and marketing co-ordinator
- International sales representative
- Sales support executive
- Key account manager
- Sales planner

#### Master's degree

Bachelor's graduates can typically obtain a master's degree after having studied 1 to 2 years at universities or schools in Denmark and/or abroad. At the website www.ucnorth.dk you can see the further study opportunities.

#### **Programme structure**

On the BA programme, the semesters 1 to 2 contain:

 Lectures, project work, tutoring, case-studies, compulsory assignments in a thematic structure

#### Semester 3:

- Internship in Denmark or abroad
- Bachelor's project

#### Core subjects:

- Marketing
- Supply chain management
- · Management and organisation
- Business law
- Economics

Subjects are taught in the context of two overall themes:

- The background for a company's sales
- Business development with an international perspective

Themes are subdivided into topics i.e.:

- The customer as the focal point
- Industry and competitors
- Innovation
- Developing of the sales base and the business platform
- The sales performance
- Follow-up and retention
- · Theory & methods



### 1.5-YEAR TOP-UP BACHELOR'S DEGREE

# ONAL HOSPITALITY MANAGEMENT

#### About the programme

The BA in International
Hospitality Management is a
business programme that is
especially designed to educate
professionals in the international hospitality industry.
The programme is a full-time,
3-semester undergraduate
programme equal to 90 ECTS
credits. It is based on the
business & hospitality worlds'
demands for staff with international competencies.

With an AP Degree in Service, Hospitality & Tourism Management or Marketing Management or Financial Management or an equivalent higher education, you have access to this top-up bachelor's programme. See also the other admission requirements on page 60 of this brochure.

#### **Career opportunities**

A Bachelor Degree in International Hospitality Management enables you to work in a complex world of hospitality: managing, running and developing projects in the hotel, tourism and experience economy sectors. You can find work as:

- Resort manager
- Event manager
- Tourism consultant
- Hotel manage
- Executive sales supporter
- Key account manager
- · Sales planner
- International sales representative
- Project manager
- Sales and marketing co-ordinator

#### Master's degree

Bachelor's graduates can typically obtain a master's degree after having studied 2 years at universities or schools in

Denmark and/or abroad. At the website www.ucnorth.dk you can see the further study opportunities.

#### **Programme structure**

Semester 1

Lectures, project work, tutoring, case-studies.

#### Core subjects:

**Economics** 

- Optimisation and revenue management
- Financial management through key figures and annual reports
- Department and activity budgeting
- · Investments and financing
- Distribution of costs
   Management
- Labour law and work environment
- Human resource management and leadership
- Theory of science and methodology

Semester 2 Lectures, project work, tutoring, case-studies.

#### **Core subjects:**

Radical new thinking hospitality cultural awareness & customer relations

- The concepts of culture and the hospitality industry
- Guest/customer behaviour
- · Negotiation techniques
- · Organisational culture

#### Business strategy

- · Strategic analysis
- Strategy, concept and product development
- Strategic implementation and management

#### Semester 3

- Internship in Denmark or abroad
- Final bachelor's project and final bachelor's examination.



### 1.5-YEAR TOP-UP BACHELOR'S DEGREE

# SPORT SPORT

#### **About the programme**

The programme focuses on sport management, marketing, economy and law in an international context with special emphasis on events, experience economy and the sports industry. With this degree, you can contribute to the growth of this sector and also to the development of experience economy in general.

The programme is a full-time, 3-semester undergraduate programme equal to 90 ECTS credits. Being a graduate of Sport Management will open many doors to a highly competitive world of sports, events and leisure management.

With an AP Degree in

- Marketing Management, or
- Service, Hospitality & Tourism Management, or
- Financial Management, or
- an equivalent higher education.

you have access to this bachelor's programme.

#### **Career opportunities**

With this degree, you will learn to manoeuvre within the sport business. Your future tasks may range from running professional sports activities to planning and conducting events, or you might work as a project co-ordinator within the public sector.

Your first job could be as an administrator or project manager on one of the many different projects and events within the field of sports, and job titles could be e.g.:

- Sports consultan
- Sports executive
- Key account manager
- Sports development planner
- Club manage
- Sports marketing co-ordinator
- Event co-ordinator
- Project manager

#### Master's degree

Bachelor's graduates can typically obtain a master's degree after having studied 2 years at universities or schools in Denmark and/or abroad. At www.ucnorth.dk you can see the further study opportunities.

#### **Programme structure**

Semesters 1 to 2:

Lectures, project work, tutoring, case-studies, compulsory assignments in a thematic structure, visits to organisations in the industry

#### Semester 3:

- Internship in Denmark or abroad
- · Bachelor's project

#### Study contents Core subjects:

- Sports industry sport organisations and the environment
- Sport marketing consumer behaviour - sponsorships and fundraising

- Sport management strategy - organisation and human resource management
- Sports economics sports as a product - sport finance
- Methods and research in sports
- Sport law sport contracts and risk management legislation

The programme will help you delve into relevant theories relating to the industry and will provide you with the necessary practical experience that will become a solid foundation for your future career.



## 3.5-YEAR BACHELOR'S DEGREE

# PRT & TECHNOLOGY MANAGEMENT

#### **About the programme**

The 3.5-year Bachelor Degree in Export & Technology Management combines technical fields with mercantile subjects and provides the graduate with a profound insight into the company's business in relation to product sales and technical solutions.

The programme is a full-time, undergraduate BA degree equal to 210 ECTS credits.

The first five semesters are primarily based on: classroom lessons combined with company visits and guest teachers with a strong attachment to the business sector and skills you acquired in practice while collaborating with an interesting company.

#### **Career opportunities**

With a Bachelor Degree in Export Sales & Technology Management, you can participate in the strategic development of the customer basis and relations for the company through technical service, counselling and sales. Thus, you should be able to complete and implement sales, services and marketing plans in a global market. The programme provides you with a strong profile to undertake professions such as:

- Export consultan
- Product consultant
- Export manager
- Export director

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.

#### **Programme structure**

The programme is divided into three cross-sectional fields: a technical, a mercantile and a general field with the following approximated percentages:

#### Technical field: 40 %

 Production development and processes, material, construction, design and project management

#### Mercantile field: 40 %

 Industrial export, marketing, foreign trade, finance, shipping/transport and innovation

#### Interpersonal field: 20 %

 Communication, foreign language, cultural understanding and negotiation techniques.

These cross-sectional fields are distributed on 7 semesters each with its distinctive professional focus.

#### 1st semester:

 Business foundation and technological basics

#### 2<sup>nd</sup> semester:

• Understanding markets

#### 3<sup>rd</sup> semester:

· Planning the marketing effort

#### 4th semester:

Markets and customer management

#### 5<sup>th</sup> semester:

• The selling organisation

#### 6th semester:

 Internship "from theory to practice" in Denmark or abroad

#### 7<sup>th</sup> semester:

- · Specialisation module and
- Bachelor's project

Read more about each semester and the subjects' ECTS credits on www. ucnorth.dk



## 2.5-YEAR AP DEGREE

# COMPUTER SCIENCE

#### About the programme

The 2.5-year AP Degree in Computer Science equips you with all-round knowledge in the field of information technology. The programme is based on a practical approach - "learning by doing". The computer science programme emphasises both the technical as well as the social aspect because the graduate is expected to work in a team in a future workplace, functioning well as a teamplayer in the field of information technology.

You will be studying subjects in the fields of programming, system development and business. We only teach a single subject per day to allow you to really get into the subject. In the fourth semester, you will select a subject of particular interest to you. This is your chance to develop the profile you want and choose the direction of your future working life.

#### **Career opportunities**

An AP Degree in Computer Science provides you with a strong profile to kick-off an immediate business career.

Career opportunities include:

- Programmer
- · Systems developer
- Systems administrator
- Network consultant
- Software developer

Your employer may be a private company or a public, national or international organisation.

After completion of the Computer Science programme, you can also choose to continue your studies at UCN in Software Development or Web Development. They are top-up programmes adding another 1.5 years of full-time, undergraduate studies to your degree, giving you a BA degree.

You can also choose to continue studies at other universities in Denmark or abroad.

#### **Programme structure**

The course consists of 5 semesters, which equal a total of 150 ECTS credits in the European Credit Transfer System.

Compulsory subjects, semesters 1 to 3:

- Software construction
- Software design
- IT in business organisations
- Computer architectures and operating systems
- Software architectures and distributed programs
- Computer network and distributed systems
- Systems development methods
- Databanks

Specialised part semester 4:

 Systems development methodologies

#### **Electives**

Electives may vary from year to year based on student suggestions and new trends.

#### Semester 5:

- Internship in Denmark or abroad
- · Final exam project

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.

Read more about the Computer Science Degree at UCN on www.ucnorth.dk



## 2-YEAR AP DEGREE

# TIMEDIA DESIGN & COMMUNICATION

#### About the programme

The 2-year, full-time AP Degree in Multimedia Design is an opportunity to study within the wide field of media and communication. Your future work may range from consultation and specialist assignments to managing major projects. This is an undergraduate programme equal to 120 ECTS. It is based on the business world's demands for staff with international competencies in the area of web development.

The Multimedia Design programme is a relatively short and practice-related education that combines your design skills with your skills in presentation and communication of information and messages.

#### **Career opportunities**

The programme enables the graduate to independently plan and carry out processes and tasks in multimedia productions, from strategy and market analysis through A/V productions and design of user interfaces to the programming of the end result published on the internet.

Career options include professions as:

- · Web designer
- · Flash designer
- · Game designer
- Web & new media project manager
- New media consultant/ developer and innovator
- Webmaster
- · Project co-ordinator

With an AP Degree in Multimedia Design & Communication, you have various possibilities to pursue further academic studies:

graduates can obtain a BA
Degree in Web Development or
E-Concept Development if they
undertake another 1.5 years of
top-up studies within this field

at UCN. Graduates can also continue their top-up studies at other universities in Denmark or abroad.

#### **Programme structure**

Semesters 1 to 3: Lectures, project work, tutoring, case-studies, compulsory assignments within:

#### Core subjects:

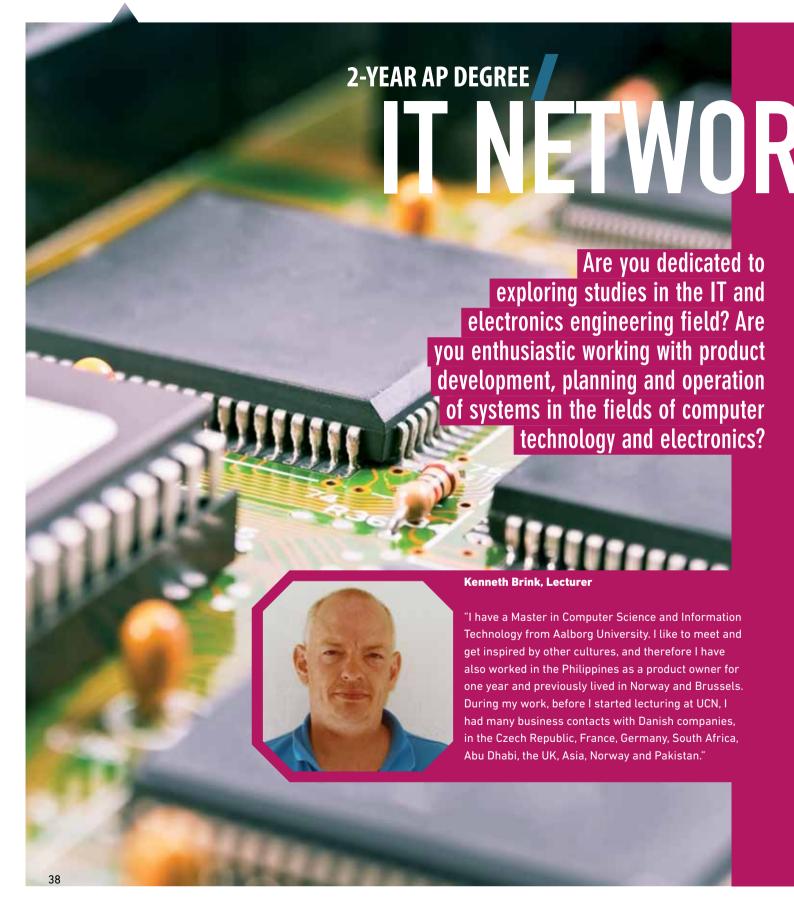
- · Multimedia design
- Concept development
- Video & audio
- Aesthetics
- Usability
- Communication
- Media sociology
- Marketing
- E-business
- Project management
- Corporate culture and strategy
- · Programming and scripting
- Database modelling

#### Semester 4:

- Internship in Denmark or abroad
- Final examination project

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.

Read more about Multimedia Design & Communication at UCN on www.ucnorth.dk



# K & ELECTRONICS TECHNOLOGY

#### About the programme

The 2-year full-time AP Degree in IT Network and Electronics Technology qualifies the candidate for a professional position as manager of or participant in projects related to product development, planning and operation of systems in the private as well as the public sector.

The programme gives you 120 ECTS credits. It is based on the IT sector's demands for staff with international competencies in the area of IT network and electronics development.

The programme also gives you a thorough insight into the development and construction of electronics, sales and technical support within IT, production techniques and tests, purchasing of IT and electronics, and advisory and consulting services within the IT sector.

#### **Career opportunities**

The AP Degree in IT Network and Electronics Technology provides you with a strong profile to work in a lot of different professions regarding computers and electronics, for example:

- Electronics developer
- IT consultant
- Commercial purchase and sales assistant
- Network manager
- Software developer

With an AP Degree in IT
Network and Electronics
Technology, you can choose
to continue your studies at
UCN on the top-up bachelor's programme in Product
Development and Integrative
Technology.

#### **Programme structure**

The programme is divided into four semesters. You can choose to specialise within either electronics or IT networks. The programme consists of compulsory subjects and specialised subjects.

Semesters 1 to 3: General subjects: technical documentation, technical mathematics, information technology, computer and electronics

Business subjects: commercial purchases and sales, business economics, business organisation, project management, environment and safety, quality.

Technology subjects for students specialising in IT network: transmission media, communications systems, network systems, network hardware, database systems and programming.

Technology subjects for students specialising in electronics: electronics, product maturing, test equipment, programme development and networks.

#### **Electives**

Electives may vary from year to year based on student suggestions and new trends.

#### 4th Semester:

- Internship in a company in Denmark or abroad.
- Final examination project

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.

Read more about IT Network and Electronics Technology at UCN on www.ucnorth.dk



2-YEAR AP DEGREE

# INESS (GRAPHICS)

#### About the programme

The 2-year AP Degree in Design, Technology and Business (Graphics) is an opportunity to study in an artistic and professional environment where we welcome diversity, individuality and problem solving ability. The education encourages you to develop a highly individual portfolio to reflect your career aspirations.

The programme is for students wanting to develop creative skills within a commercial context and provide creative solutions to real communication problems through design forms, colours and products.

The programme consists of three main themes:

- 1. The creative and aesthetic design
- 2. Hands-on graphic design programs and applications
- 3. The business approach

Along the way, students may opt for a study abroad period with some of the UCN partners all over the world.

#### **Career opportunities**

The programme prepares the graduate to independently plan and carry out processes and tasks in business areas concerning graphic design and communication. For this reason, your job opportunities with an AP Degree in Graphic Design will be considerable.

Career options include a profession within:

- · Graphic design
- · Editorial & advertising
- Newspapers and magazines
- · Print houses
- Illustration
- Marketing departments

#### Programme structure

The first 3 semesters take place at UCN in Denmark and consist of compulsory and elective subjects.

1<sup>st</sup> semester:

Mandatory module

- Design
- Business
- Technology

2<sup>nd</sup> semester:

Mandatory area of study

- Design
- Production
- Marketing

3<sup>rd</sup> semester:

Mandatory area of study (continued)

· Elective subject

Examples of elective subjects - that can vary from year to year

- could be:
- Promotional video and screen graphics
- · Digital publishing
- Modern branding
- 3D and experience design
- Typography

- Animation graphics 4<sup>th</sup> semester:
- Internship: three months where you get the opportunity to work in depth
- Final examination project

The programme combines practical work in graphic design programs such as QuarkXPress, Illustrator, Photoshop and InDesign with a creative and aesthetical understanding of design processes from ideas to finished products.

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.

Read more about the AP Degree in Design, Technology & Business (Graphics) at UCN on www.ucnorth.dk



# 2-YEAR AP DEGREE

# IN ENGINEERING

#### About the programme

The new 2-year AP Degree Programme in Automation Engineering gives you detailed knowledge and insight into the structure and optimisation of technical control systems. You will also learn how to use this knowledge individually and in co-operation with others. You will gain knowledge about measuring technology and data collection, control and regulation systems, technical mathematics and physics as well as organising and quality assurance.

Lectures vary between classbased teaching, project work and individual assignment work. Early on, a project will form the basis of the lectures during the first half of the first semester. The project will be assessed internally and followed up by a new project that will form the basis of the second half of the first semester. The internship is your opportunity to test theory and methods in practise before starting work on your final exam project. The internship and the final exam project will relate to a company where you will have ample opportunity to put your achieved knowledge to use and try your strength on practise-based problems and solutions.

#### **Career opportunities**

As an AP Graduate of Automation Engineering, you are well-prepared to step out into the business community where you can apply for jobs in utilities, electrical firms, automation businesses, machinery manufacturers and industrial businesses producing anything from wind turbines to marmalade. Your title will typically be technician, programmer, chief fitter, technical manager, PLC programmer, SCADA programmer or systems technician.

After completion of the AP
Degree Programme in Automation Engineering, you can
continue your studies on a

1.5-year top-up Bachelor Degree Programme in Product Development and Integrative Technology

#### **Programme structure**

The programme is divided into four sub-elements:

- A compulsory element that covers a joint, national curriculum and an institutional curriculum
- The institutional curriculum covers subjects within:
- Technical systems design
- Control and regulation technology
- Configuration and programming
- Communications technology and project development

The joint, national curriculum covers subjects within:

- Design and construction of automatic units
- Integration of automatic units
- Systems design of automatic process and production lines
- Business-related elements

An elective element that

could include subjects such as:

- Databases
- Robotics technology
- Optimisation
- High-level programming
- Knowledge technology
- Wireless technologies
- A three month internship
- · A final exam project

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.

Read more about Automation Engineering at UCN on www.ucnorth.dk



### 2-YEAR AP DEGREE /

# ERGY TECHNOLOGY

#### About the programme

The AP Degree in Energy Technology is a 2-year, full-time undergraduate programme equalling 120 ECTS credits. The programme enables the graduate to handle projects across the sectors of building technology, electricity and plumbing in order to create solutions for energy optimisation and conservation in technical building and process installations including air conditioning systems, heating pumps or similar in residential or industrial buildings. We teach relevant theory as well as hands-on practice.

#### Career opportunities

With an AP Degree in Energy
Technology, you will obtain
competencies enabling you
to advise clients on practical
energy optimisation, energy
supply in industrial and private
construction, and also industrial process installations.
Graduates may seek employment in utility companies, in
the installation industry or in
technical and environmental
departments in the state and/
or municipalities in jobs like

- Project manager
- Energy engineer
- · Energy advisor
- Energy consultant
  With an AP Degree in Energy

Technology, you can also choose to extend your studies by 1.5 years and get a top-up Bachelor Degree in Product Development & Intergrative Technology.

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.

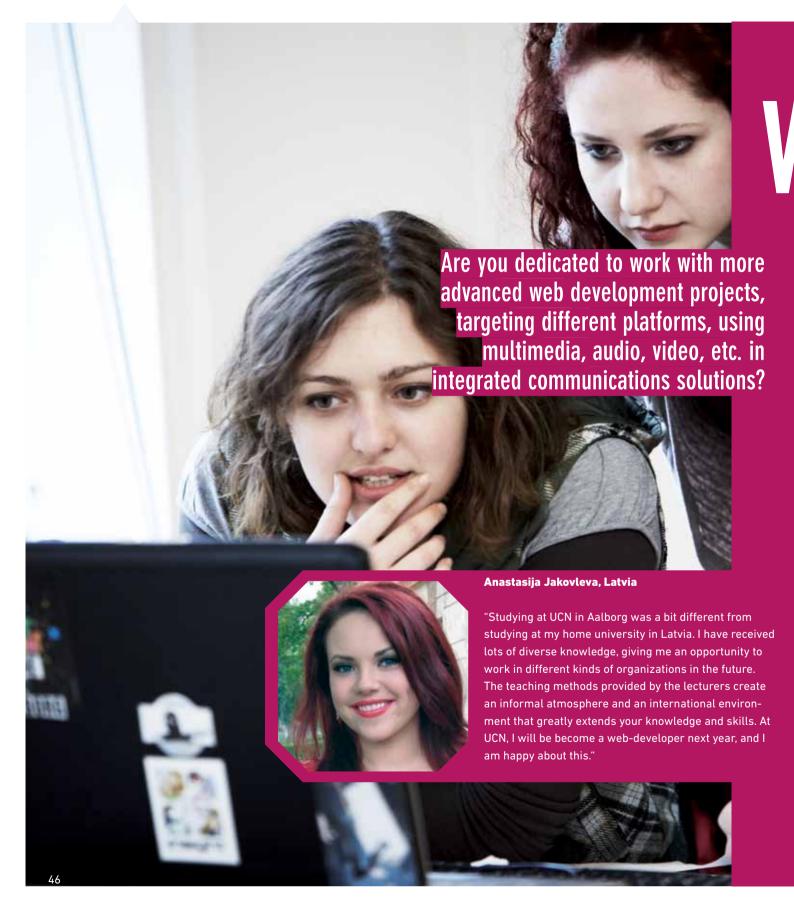
#### **Programme structure**

The programme is divided into 4 semesters, each with its own distinctive technical focus.

The compulsory part contains a number of technical energy theory modules such as building technology, indoor environment, automation, control and regulation, traditional and innovative energy sources, energy analysis, calculation of energy consumption as well as process and production plants. The elective subjects cover a wide field and provide you with the opportunity of working thoroughly with a subject and specialising in process and production plants, building installations as well as alternative and new energy sources.

Furthermore, the programme enhances your knowledge on subjects related to corporate understanding, primarily subjects focusing on innovation, project management and business know-how.

The three month internship in the fourth semester can take place in Denmark or abroad and gives you the opportunity to apply theory and skills you acquired in practice while co-operating with an interesting company. The semester concludes with a final project based on co-operation with a company and embraces skills and knowledge acquired throughout the entire programme.



# VEB DEVELOPMENT

#### About the programme

This programme will prepare you to work in society characterised by a rapid development of digitisation needs and sophisticated methods in industry/media applications. As a Bachelor of Web Development, you know how to handle the front end of IT systems using customer management systems (CMS). You will also know how web systems are built from scratch using objectoriented IDE and relational databases. The programme is a full-time, 3-semester undergraduate programme equal to 90 ECTS credits. It is based on the business world's demands for staff with international competencies in the area of web development.

With an AP Degree in

- Multimedia Design and Communication or
- · Computer Science or
- an equivalent higher education, you will have access to this top-up bachelor's programme.

Please see the other admission requirements on page 60 of this brochure.

#### **Career opportunities**

- Web developer
- Webmaster
- · Web designer
- Project manager/ co-ordinator
- · Multimedia consultant
- · Event manager
- Media planner
- · Web administrator

#### Master's degree

Bachelor's graduates can typically obtain a master's degree after having studied 2 years at universities or schools in Denmark and/or abroad. At the website www.ucnorth.dk you can see the further study opportunities.

#### **Programme structure**

Semesters 1 to 2:

Lectures, project work, tutoring, case-studies, compulsory assignments

Core subjects (modules):

- Development environments and CMS
- Interface design and digital aesthetics
- · Advanced media technologies
- · Databases and XML
- Web communication and network sociology

#### **Electives**

Electives may vary from year to year based on student suggestions and new trends.

Students can opt for a study abroad period with UCN partners all over the world.

3<sup>rd</sup> semester:

Internship in Denmark or abroad.

Bachelor's project where you have the opportunity to specialise in one of the areas dealt with during your 1st or 2nd semester.



# ARE DEVELOPMENT

#### About the programme

The programme focuses on the challenges that software developers face when working with large, often global, system development projects. The first 2 semesters consist of 6 modules, focusing on different aspects of how to handle communication and co-ordination in large projects. The last semester consists of an internship and a bachelor's project. The programme is a 3-semester, full-time undergraduate study equal to 90 ECTS credits. It is based on the IT sector's demands for staff with international competencies within the area of software development.

With an AP Degree in Computer Science or an equivalent higher education, you have access to this bachelor top-up programme.

Please see the other admission requirements on page 60 of this brochure.

#### **Career opportunities**

As a Bachelor of Software Development, you know how to handle the back end of distributed IT systems based on large databases. Your job opportunities could be:

- System developer
- · System designer
- Programmer
- System planner
- · IT consultant
- · Project manager
- System constructor
- Web developer
- · Software engineer

#### Master's degree

Bachelor's graduates can typically obtain a master's degree after having studied 1 to 2 years at universities or schools in Denmark and/or abroad. At the website www.ucnorth.dk you can see the further study opportunities.

#### **Programme structure**

#### Semesters 1 to 2:

Lectures, project work, tutoring, case-studies, compulsory assignment.

Core subjects (modules):

- Databases for developers
- Contract-based development
- Development of large scale systems
- System integration
- Tests
- Electives

#### 3<sup>rd</sup> semester:

- Internship in Denmark or abroad
- Bachelor's project, where you have the opportunity to specialise in one of the areas dealt with during your previous semesters.

#### **Electives**

Electives may vary from year to year based on student suggestions and new trends.

Subjects and modules are interwoven so students learn to apply all their skills and competencies on a complex set of problems and not only on isolated-single subject problems.



# EPT DEVELOPMENT

#### About the programme

The 1.5-year full-time Bachelor's Degree Programme in E-concept Development functions as a bridging programme on the Design, Technology & Business (Graphics) as well as Multimedia Design & Communication programmes. The programme will provide you with an in-depth understanding of the technical and theoretical aspects of e-concept development, and you will learn to develop concepts that combine various professional disciplines such as e-commerce, digital advertising, design, communication, marketing, and business information.

#### **Career opportunities**

A Bachelor Degree in E-concept Development enables you to understand the complexity and diverse possibilities of recent technological developments and also how to identify the needs of companies within this field.

It provides you with a strong profile to undertake professions such as:

- E-shop manager in an e-commerce business
- Concept developer in digital media, advertising, design or web agency, communications in large companies in e.g. marketing departments, or in large organisations
- Project manager in development and evolution of digital communication solutions
- Cross media designer, art director
- · Web designer, art director
- · E-marketing consultant
- Entrepreneur or freelancer in an e-commerce business or digital communication

#### Master's degree

Bachelor's graduates can typically obtain a master's degree after having studied 2 years at universities or schools in Denmark and/or abroad. At the website www.ucnorth.dk you can see the further study opportunities.

#### **Programme structure**

The programme comprises three semesters and consists of both mandatory subjects as well as elective subjects where you can tailor your course according to your desires. As an extra, you can choose to focus entirely on e-commerce during your programme.

In the first semester, you have two mandatory courses, and in the second semester you can choose between six electives comprising a total of 30 ECTS credits. The final semester contains an internship as well as the concluding bachelor's project.

#### $1^{st}$ and $2^{nd}$ semesters:

- E-concept development and e-Project management
- E-concept development and user experience (scientific approach)

#### Electives – 2<sup>nd</sup> semester:

- E-design
- E-commerce
- E-communication
- · E-marketing
- E-media production
- E-business production

#### 3<sup>rd</sup> semester:

- Internship in Denmark or abroad
- · Bachelor's project

Project groups will develop digital communications solutions alongside their lessons in the individual subjects.

See page 60 for general information regarding our English programmes such as requirements, fees and finances, residence permit etc.



ity to develop yourself in this exclusive environ-

ment."

# T DEVELOPMENT & ATIVE TECHNOLOGY

#### About the programme

This top-up programme is a 3-semester, full-time study programme equivalent to 90 ECTS. If you have completed an AP Degree in:

- Production Technology
- IT Network & Electronics Technology or
- Energy Technology you may be admitted to this study programme.

This programme focuses on the student's abilities to integrate different technologies in the products or services that he or she creates. The programme is based on a product development model where the student will be taken through the most important elements of a product development process. In addition to product development, students will further perfect their skills pertaining to the fields of study of their AP degree.

The study programme places much emphasis on development projects. Furthermore, it is important that students are aware of co-operation relations, project management and the process of development. Students' abilities to integrate different professional competencies are also in focus. Each student will be allocated a process supervisor and a subject supervisor.

The study programme aims for students to carry out the projects in close collaboration with one or more companies in Denmark or abroad.

#### Career opportunities

With a BA degree in Product Development & Integrative Technology, you may find employment within the industrial or service sectors as

- Industrial process consultant
- · Project staff
- Project manager of development projects.

#### Master's degree

Bachelor's graduates can typically obtain a master's degree after having studied 2 years at universities or schools in Denmark and/or abroad. At the website www.ucnorth.dk you can see the further study opportunities.

#### **Programme Structure**

1st semester

#### Theme 1:

- Philosophy of science
- Technical integration (technical analysis)
- Technology project work
- Interdisciplinary product development

#### Theme 2:

- Production technology
- IT technology
- · Energy technology
- Environment (Life cycle assessment)
- · Product development

#### 2<sup>nd</sup> semester

#### Theme 3:

- Production technology
- IT technology
- Energy technology (GABI)
- Environment
- · Organisation
- Economics

#### Theme 4:

• Environment (Re-engineering)

#### 3<sup>rd</sup> semester

- Internship in Denmark or abroad
- · Bachelor's project



## 3.5-YEAR BACHELOR'S DEGREE

# PALTECHNOLOGY & FOR STANDING STANDS OF STANDING STANDS OF STANDS OF STANDING STANDS OF STANDING STANDS OF STANDING STAND

#### About the programme

The Bachelor Degree in Architectural Technology and **Construction Management** (ATCM) gives you the opportunity to become an extremely valuable asset to architectural and construction companies in a world where governments are enforcing major reductions in the allowable energy usage in a building. The stimulating learning process on the ATCM programme involves studying as a member of a project group where the group designs the project documentation in digital form for 1) client approval 2) planning permission and 3) construction.

The programme is recognised by organisations like CIOB, ABE and CIAT.

#### **Career opportunities**

The graduate's role is to solve technical construction problems. The graduate has to interpret, develop and co-ordinate the work of the architect and civil engineer to

ensure that the building project is carried out efficiently and properly. The graduate can also manage the construction process on site and act as the mediator between craftsmen, technicians, architects. engineers, surveyors, managers and clients. Working in groups in digital media during the studies stimulates a realistic working environment and qualifies the student to go directly into modern architectural design and construction companies or local authorities, insurance companies and educational centres. Additionally, this bachelor's also gives access to a master's degree in Denmark or abroad.

When starting on the ATCM programme, you can, upon completion of the first 1.5 years (three semesters), opt for:

- AP Degree in Building Technology
- Bachelor Degree in Architectural Technology and Construction Management.

#### **Programme structure**

1st and 2nd semesters:
Core subjects: There is focus on study areas connected with overall planning and erection of family homes as well as an emphasis on construction details, building materials and process planning.

#### 3rd semester:

Core subjects: focus on individual building components such as wood and concrete components for carcase constructions.

If you opt for an AP Degree in Building Technology, you work in the 4<sup>th</sup> semester on elective assignments and write a final project.

If you opt for a Bachelor Degree in ATCM  $4^{th}$  –  $5^{th}$  semesters are designed in the following way:

Building and construction drawings

- Construction details
- Planning and management of the design and construction process
- Qualified choices of building materials for a concrete multistory building project
- Conversion and renovation of older buildings
- Implementation and construction of industrial, sports buildings, etc.

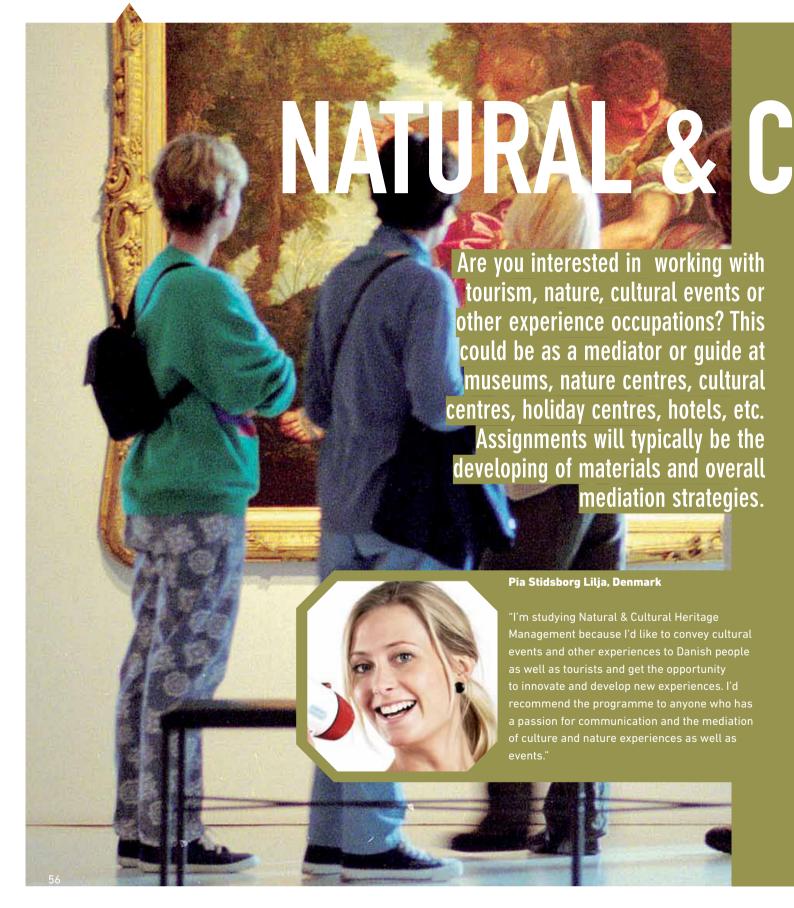
#### 6<sup>th</sup> semester:

A full semester internship either in an architect or engineering practice or with a building contractor. The internship can take place in Denmark or abroad.

#### 7th semester:

Consists of an elective assignment and the final Bachelor's project (dissertation).

Read more on www.ucnorth.dk



## 3-YEAR BACHELOR'S DEGREE

# ULTURAL HERITAGE MANAGEMENT

#### About the programme

The Bachelor's Degree
Programme in Natural and
Cultural Heritage Management comprises language and
communication subjects as
well as subjects that enhance
an understanding of decisionmaking processes and communication with organisations and
administrations.

The aim of the programme is for the students to learn how to handle organisational and communication assignments within experience occupations mainly within natural and cultural heritage management. The programme has a local, national and international scope and is targeted towards public enterprises and private companies as well as other organisations that deal with natural and cultural heritage management – including tourism.

Students acquire theoretical and practical knowledge as well as skills that enable them to draw up and market information programmes and concepts and to develop and implement new measures within experience economy, especially within natural and cultural heritage management.

#### **Career opportunities**

The Bachelor's Degree
Programme in Cultural and
Natural Heritage Management has a dual purpose: to
be professionally oriented
and provide competencies for
employment within both the
public and the private sectors
as well as access to further
study programmes of higher
education (post-graduate).
Direct mediation in relation
to the target groups and
professional areas in nature
centres, tourist offices, tourism
companies, cultural centres
and museums.

#### Master's degree

UCN does not offer master's degrees, but bachelor's graduates can typically obtain a master's degree after having studied 2 years at universities in Denmark or abroad.

#### **Programme structure**

The study programme, which takes six semesters (3 years and 180 ECTS credits) consists of a combination of theory and practice. It contains the following educational elements:

- Natural heritage management
- Cultural heritage management
- Two foreign languages
- · Forms of mediation
- Social subject I and social subject II
- Internship period
- Development work
- Bachelor's project

Topics will also be dealt with within the fields of the environment, cultural encounters and co-operation with, for example, politicians and organisations.

A 20-week internship in Denmark or abroad is a compulsory part of this programme.

The study programme is offered at the Hjørring Campus of University College of Northern Denmark.



GENERAL INFORMATION

# IN AALBORG

UCN will do its utmost to help international students make their stay in Aalborg beneficial and comfortable. Keeping that in mind, however, students have to apply for housing in due time, therefore, the earlier you apply the higher the chances that you will get an offer of accommodation.

The Municipality of Aalborg also guarantees that everyone coming to study/work in Aalborg will be covered by the housing guarantee, provided that students have registered on its website www.aku-aalborg.dk

It is relatively easy to find housing in Aalborg, and the prices are more competitive compared to e.g. Copenhagen.

#### UCN can offer:

A single or a shared room or an apartment at a student residence in Aalborg e.g. UC House. Read more about student housing on www.ucnorth.dk and see the different types of accommodation offered as well as costs and regulations of renting.

UCN's housing agreements normally include acces to a kitchen, a shared bath, furnished rooms, FREE internet, laundry facilities, bar/party and fitness facilities. Furthermore, there is often a living room with a stereo, sofas, TV with international channels, table football, table tennis,

pool table etc. All this might not be part of private housing, but then normally the rooms are bigger or cheaper through this option and often more centrally located. In general, the average monthly rent varies between EURO 270 – 400, depending on the area, the size of the rooms, the facilities available and the general standard of accommodation.

After some time in Aalborg, a number of students normally decide to live together and share an apartment. UCN helps students with the practical matters if they decide to live together.

### Applying for accommodation via UCN.

If you want to sign up for one of the accommodation offers that UCN has, please read about the application procedure on our website: www.ucnorth.dk – Facilities & Services – Housing.

IMPORTANT: Submitting an Accommodation Request Form does not automatically grant you a place to live. A study-bedroom can be pre-booked and UCN will operate on a first-come, first-served basis.



# **GENERAL INFORMA**



#### **Tuition fees:**

 The tuition fee can vary from EURO 3,400 to 6,500 per semester depending on the programme.

#### **EU/EEA** and Nordic students:

Due to the fact that the Danish government pays the tuition fees, every programme is free for Danes and other EU/EEA & Nordic students.

#### **NON-EU** students:

Please note that UCN has a very favourable "Special Service Package" for NON-EU/ EEA students, which may cover some of your book expenses.

UCN might also be able to offer scholarships to a limited number of NON-EU students. Contact international@ucn.dk for more information or find information on www.ucnorth.dk

Tuition fees can be subject to change. For the most recently updated information, always

check UCN's website on www.ucnorth.dk

### Cost of compulsory literature

- For a whole AP programme of 2 years, approximately EURO 670 1,400.
- Top-up programmes approximately EURO 670 for the full programmes.
- For the bachelor's in Architectural Technology and Construction Management roughly EURO 375 per semester.
- For more specific costs of each individual programme, please visit UCN's website. All students, no matter where or how they do it, must buy their books by the time the study starts.

#### Study trips

Most programmes have a study trip abroad which is to be financially covered by the students themselves.

#### Laptop

On all programmes, it is required that students either bring a laptop or buy one in Denmark. The Microsoft Office package can be bought at a favourable price from UCN's bookshop.

#### Student jobs

Many students have student jobs and work during the week and on weekends. During summer holidays, students may want to work full time, which their work permit allows them to do.

Remember, you are at UCN to study, and your permit to stay in Denmark relies on your being a serious and dedicated student that actively follows the course, does your homework and passes exams. Thus, more than 15 hours of work per week is not recommended.

## Estimate of general expenses

International students must have sufficient funds to cover their living expenses while studying in Denmark. Recently, living expenses for the average student in Aalborg were estimated at approx. EURO 650 per month, including housing. Students cannot rely on getting a student job on arrival. It takes a semester to find work, and students should be prepared for low season periods.

### Danish language courses

Students studying at UCN can take Danish language courses through the Municipality of Aalborg.

At the UCN website www.ucnorth.dk, you can find the frequently asked questions (FAQ) and a lot of other detailed information about studies at UCN and life in Aalborg.

# TION

## Admission requirements

AP degrees and bachelor's degrees:

- High school diploma compatible with the Danish system

   otherwise the diploma has to be supplemented with university or college studies,
   or
- General upper secondary education or international or European baccalaureate, or
- High school diploma from the USA + at least one year of university/college studies
- At least two years of relevant studies from universities in Africa, India, Pakistan and countries with similar educational systems, or
- Other appropriate education found to be acceptable at the discretion of UCN Technology
   UCN Business
- •Students from Asia or Africa: 2 years of university studies completed
- A high level in mathematics
- A recognised English test: TOEFL (at least 550 paper based, 213 computer based), IELTS (6.0-6.5) or alternatively approved test through agreement with partner/UCN.

## Top-up bachelor's degrees

• The same requirements as AP and bachelor's degrees.

- •In addition 120 ECTS credits acquired within relevant subjects that are required for the specific top-up programme.
- For more information on the required subjects, please check the relevant AP degree from UCN in relation to the top-up bachelor's programme of interest.

## Residence & study permit

EU/EEA students: permit to be obtained on arrival. UCN will assist students in getting their study permit as soon as possible after their arrival in Aalborg.

Non-EU/EEA students: permit to be obtained prior to arrival. For more information visit http://www.nyidanmark.dk > English > Coming to Denmark or contact your nearest Danish embassy or consulate for further information.

Learn more on www.ucnorth. dk or contact the International office at UCN: international@ucn.dk

## Collaboration with the business sector

Project work is the primary source of collaboration with the business sector as well as networking and close contacts help to secure jobs in the



global business arena. People from the business sector come to UCN as guest lecturers to tell about new trends and technologies.

They act as project supervisors, speakers at the graduation ceremony, they host students on internships and are used as partners in the development of new programmes. During studies, all students go on an internship, which can take place in Denmark or abroad.

Through these work relations, the students develop valuable skills needed for their future career, increasing their employability and entrepreneurship.

#### **Further studies**

After graduation from the AP degree programmes, you can continue and get a bachelor's degree at UCN. We currently have 7 BA top-up programmes. You can also go to other universities in Denmark, or you can make use of our network of partners, offering our students their bachelor's

programmes as top-ups. You can stay in Demark for your master's studies or go to universities in the UK. Australia. the Netherlands etc. At the UCN site www.ucnorth.dk, you can find examples of universities we co-operate with. The list is continuously updated. UCN students are attractive to foreign universities that also come to UCN on promotion tours and "Master's days". UCN is also in close co-operation with Aalborg University, which offers a number of English-taught programmes See more on www.aau.dk

#### **Employment**

At UCN, the graduates have a good employment rate within the sector that they studied. The career opportunities can be studied under each programme description. Many students get jobs directly after graduation, but others go for further studies – bachelor's and master's degrees. On page 10 you can see what some of our graduates do nowadays.

# THE DANISH HIGHER EDUCATION SYSTEM



### ONE OF THE BEST IN THE WORLD

grab your chance for a better future

#### Overview of degrees in the Danish higher education system

Danish higher education institutions use the European Credit Transfer System (ECTS) for measuring study activities. 60 ECTS correspond to one year of full-time study.

Danish qualifica- tions levels	Ordinary higher education degrees	Qualifications Framework for the European Higher Education Area - Bologna Framework	European/National Quali- fication Framework for Lifelong Learning - EQF/NQF	
Academy Pro- fession level (AP)	Academy Profession degree (120-150 ECTS)	Short cycle	Level 5	
Bachelor's level*	Bachelor's degree (180-210 ETCS)	First cycle	Level 6	
Master's level	Master's degree (normally120 ECTS)	Second cycle	Level 7	
Ph.D. level	Ph.D. degree (180 ECTS)	Third cycle	Level 8	

<sup>\*</sup> Can be obtained through a full regular bachelor's programme (180-240 ECTS) or a top-up bachelor's programme (90 ECTS) following an academy profession degree.

#### The 7-point grading scale

The grading system in all state-regulated education programmes in Denmark as of September 2007 is the 7-point grading scale. The grading scale is compatible with the ECTS grading scale.

Apart from the 7-point grading scale, pass/fail assessment may also be used. 02 is the minimum grade for passing an exam.

Apart from the 7-point grading scale, pass/fail assessment may also be used. 02 is the minimum grade for passing an exam.

The 7-point	12	10	7	4	02	00	-3
grading scale							
The ECTS	Α	В	С	D	Е	Fx	F
grading scale							



#### The Danish higher education system

Public higher education institutions in Denmark are governed by national legislation concerning degree structures, teacher qualifications and examinations. All programmes are accredited by national, independent accreditation agencies and the Accreditation Council.

#### **Higher education** institutions

Higher education is offered by the following four types of higher education institutions that are all regulated by the Ministry of Science, Innovation and Higher Education:

- Academies of Professional Higher Education (Erhvervsakademi) and University Colleges (Professionshøjskole) offer profession-oriented, first cycle degree programmes.
- Research universities (Universitet) offer first, second and third cycle degree pro-

grammes in academic, more theoretically-based disciplines.

A number of university level

institutions that offer first, second and third cycle degree programmes in subject fields such as architecture, design, music, fine and performing arts.

#### Qualification framework

The Danish qualification levels form the basis for the Danish National Qualifications Framework for Higher Education, which is certified in accordance with the overall Bologna Framework according to the principles adopted by the European Ministers of Higher Education. Danish higher education qualifications at level 5-8 in the Danish Qualifications Framework for Lifelong Learning (NQF) are also compatible with the levels 5-8 in the European Qualifications Framework (EQF).



#### Morten Friis Frederiksen, Lecturer,

"I have a Master of Business Administration and Economics, specialised in Industrial Marketing My best working experience so far companies come to me after they graduated and tell me how much they learned and how they can use it in real life. I really love it when they say that many of the challenges they faced as students made sense later in their

life. My teaching background is based on professional work experience within international sales, management, marketing and strategy. as a lecturer is when students working for real For over ten years, my working environment was Eastern Europe, Asia, the Middle East and the USA. I was travelling between 60-120 days per year and working my way up from management trainee to corporate strategy and business development manager."

