IT Technology

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Information for Incoming Erasmus Students
2023-2024

Contents

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About the Academy

Dania Academy is a modern higher education centre, with seven different campuses in seven different cities. The academy was established on 1 January 2009 and has a long-standing tradition for developing and offering higher education in the fields of Marketing, Finance, Commerce, Tourism, Health, and IT.

We offer two English-taught exchange semesters, one in Marketing Management and one in IT Technology.

The two exchange semesters are offered in the city of Viborg where Dania shares the campus with a large university college. Dania's exchange students will be a part of the larger Erasmus community belonging to the university college.

Excellent facilities
Dania's Viborg Campus offers excellent study facilities to its students. A student house is attached to the campus where a lot of social activities take place.

Accommodation

Exchange students are guaranteed a room in the privately owned student housing just opposite the campus.

The City of Viborg

The city of Viborg has 45,000 inhabitants and the whole municipality has 100,000. In medieval times Viborg was the capital of Jutland and the roman cathedral and the high court for West Denmark are reminiscences of the former clerical and juridical power of the town. Viborg also has a well-preserved town centre where you will find many traces of the medieval town.

Conditions for Erasmus students

- Erasmus exchange students must take 30 ECTS.
- Erasmus exchange students <u>must attend all subjects of the semester they are enrolled into</u>. This is due to our multidisciplinary and group-work oriented approach to teaching. All absence from classes is registered (this is also the case for our full-time students). You <u>cannot</u> put together a study program consisting of modules from different semesters or programs.
- All exams, tests and projects of the semester(s) enrolled into must be taken. Teaching methods

Dania uses a multi-disciplinary approach to teaching. The classes are a combination of discussion and group-work. Our lectures will not repeat what is written in books, but rather use textbook theories on case examples. This practical approach is also used while writing projects where the focus will be on how theories in fact are used in real life. Therefore, we are working closely with actual companies with solving concrete problems. This practical approach creates more value and hand-on experience for students.

Important dates

Semester dates and holidays: see Fact Sheet

Content subject to changes

Programme overview

The IT Technology Program is a two-year program on bachelor level. The English-taught exchange semester is only offered in the fall. Exchange students will join our students in the third semester of the program.

Modules	Component Code	ECTS
Cyber Security	3S-CS	25
Employability (Job & Career)	3S-EP	5
ECTS total		**30**

Module descriptions

Cyber Security – 25 ECTS

Content

This subject element must provide the student with the knowledge, skills and competencies required to design, build and develop IT systems and IT infrastructure, taking into account the general IT security.

Recommended prerequisites before choosing the elective:
- Familiarity with Ethernet and TCP/IP networking
- Working knowledge of the Windows and Linux operating systems
- Familiarity with basics of networking security concepts
- Familiarity with basics of networking automation concepts

Learning goals

Knowledge

The student has knowledge of:
- Possible security threats in connection with IT systems and how these are addressed
- Practice and applied theory and methods in IT security
- The industry's application of theory, methods and practice within IT security

Skill

The student can:
- use the subject area's central methods and tools within IT security in connection with the design, planning and implementation of complex network solutions
- apply the skills related to IT security in connection with building, testing, maintenance, administra- tion, operation and monitoring of network solutions
- assess practical issues and set up and choose solutions within network security
- convey practical IT security issues and solutions to partners and users

Competence

The student can:
- participate in professional and interdisciplinary collaboration on the preparation of IT security strategy and policies with a professional approach
- independently and in a structured way acquire new knowledge, skills and competencies in rela- tion to network security as well as IT security in general

Examination – Cyber Security

Individual or group project + individual oral exam

Employability - 5 ECTS

Content

The subject develops the individual's work identity and creates an understanding of the diversity of services and the opportunities offered by the sector.

Learning objectives for Employability

Knowledge:

The student will gain knowledge and have understanding about:

- Job and Career, including Job Identity, Job Match, Career Identity, Business & Interpersonal Communication

Skills

The student will obtain the necessary skills to:

- Understand and be aware of your own work identity; Develop your personal work identity so that it reflects in profile and image; Enter and engage in different communicative situations in a relevant work practice

Competencies

The students can:

- Understand and be aware of your own work identity; Must be able to set and target your job identity in relation to industry and businesses so that the good job match can be achieved; Must be able to communicate their work identity, relate it to and integrate it into relevant work networks

Examination – Employability

Individual written assignment