



# Master i it

Dansk

Master i it

Masteruddannelsen i it er efter- og videreuddannelse for personer, der arbejder professionelt med

- udvikling af it
- implementering af it
- undervisning inden for it.

Uddannelsen giver kendskab til de nyeste teorier og principper bag udvikling og udnyttelse af it og tilbyder deltagerne metoder og teknikker, de kan bruge i aktuelle og fremtidige arbejdsopgaver.

Masteruddannelsen i it udbydes af It-vest samarbejdet mellem Syddansk Universitet, Aalborg Universitet og Aarhus Universitet.

Uddannelsen er på 60 ECTS-point, der svarer til et års fuldtidsstudium. I niveau svarer uddannelsen til universiteternes kandidatgrad.

Den består af tre fagpakker samt et masterprojekt. Den studerende sammensætter uddannelsen individuelt, dog således at mindst to fagpakker og masterprojektet hører til samme linje.

FAGPAKKE  
inden for linjen

15 ECTS

FAGPAKKE  
inden for linjen

15 ECTS

VALGFRI  
FAGPAKKE

15 ECTS

MASTER  
PROJEKT  
inden for linjen

15 ECTS

Masteruddannelsen i it under It-vest samarbejdet har tre linjer:

## Softwarekonstruktion

Fokus er på principper, teorier, metoder og teknikker bag de nyeste it-teknologier. Linjen dækker hele processen ved udvikling af software: Specifikation, design, konstruktion, analyse og verifikation. Den studerende opnår titlen Master i it, softwarekonstruktion. Under linjen i softwarekonstruktion kan man også tage en specialisering i it-sikkerhed.

## Organisation

Fokus er på principper, teorier, metoder og teknikker bag udvikling og implementering af it til brug i organisatoriske og forretningsmæssige forandringsprocesser – herunder it-strategi og -ledelse. Den studerende opnår titlen Master i it, organisation.

## Interaktionsdesign og multimedier

Fokus er på principper, teorier, metoder og teknikker bag forholdet mellem brugere og it-systemer. Linjen beskæftiger sig med udvikling, vurdering og implementering af interaktive digitale medier og produkter. Den studerende opnår titlen Master i it, interaktionsdesign og multimedier.

[www.master-it-vest.dk](http://www.master-it-vest.dk)

*It-vest er et uddannelses- og forskningssamarbejde mellem Syddansk Universitet, Aalborg Universitet og Aarhus Universitet. It-vest har til formål at styrke udbuddet af it-uddannelser i Vestdanmark og at fremme det flerfaglige samarbejde inden for it.*

It-vest

samarbejdende universiteter



AARHUS UNIVERSITET

SDU



AALBORG UNIVERSITET



# Master of IT

The Master of IT programme is a continuing education programme aimed at professionals within the fields of

- IT development,
- IT implementation,
- IT teaching.

The programme provides knowledge on the latest theories and principles behind the development and use of IT. At the same time it presents the students with methods and techniques that are relevant for the students' current and future work profile.

The Master of IT programme is a joint programme between University of Southern Denmark, Aalborg University and Aarhus University, joined in the educational network It-vest.

The programme makes up 60 ECTS credits, which equals one year of full-time study. The level of the programme equals a university postgraduate programme.

Master of IT consists of three modules and a Master's thesis. The student is free to put together the optimum combination of modules, however at least two of the modules and the Master's thesis must relate to the same track.

**SPECIALISED  
MODULE**  
15 ECTS  
CREDITS

**SPECIALISED  
MODULE**  
15 ECTS  
CREDITS

**OPTIONAL  
MODULE**  
15 ECTS  
CREDITS

**MASTER'S  
THESIS**  
15 ECTS  
CREDITS

The Master's programme at the It-vest offers three tracks.

## Software Development

The focus of the track is on principles, theories, methods, and techniques behind the latest IT technology. It covers the process of software development: specification, design, construction, analysis, and verification. The student obtains the title Master of IT, Software Development. This track also include a specialisation in IT security.

## Organisation

The focus of the track is on principles, theories, methods, and techniques behind IT development and implementation in organisational and business related change processes – including IT strategy and management. The student obtains the title Master of IT, Organisation.

## Interaction Design and Multimedia

The focus of the track is on principles, theories, methods, and techniques behind the relations between users and IT systems. The track deals with the development, assessment, and implementation of interactive multimedia and products. The student obtains the title Master of IT, Interaction Design and Multimedia.

*It-vest is an educational network between the three universities in the Western part of Denmark: University of Southern Denmark, Aalborg University and Aarhus University. The purpose of It-vest is to strengthen education and research within IT in Denmark.*

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**It-vest**

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