

Undervisningsportfolio

1. Undervisnings-CV: Oversigt over undervisnings- og vejledningsopgaver med angivelse af fagområder, omfang, undervisningsniveau (bachelor, kandidat, efter-/videreuddannelse, ph.d.). Type af undervisningsform angives, f.eks. forelæsning, holdundervisning, øvelse, vejledning, eksamination, censur, fjernundervisning, internetbaseret undervisning og evaluering af undervisning. Undervisningssprog angives.

My teaching has been devoted to three educations – Indoor Environmental and Energy Engineering (BSc & MSc) and Building Energy Design (MSc) both belonging to the B-study board and Architecture & Design (BSc and MSc) belonging to the A-study board.

I have supervised and co-supervised >150 MSc students and >15 PhD students for their thesis/dissertation work.

I am (2018-2026) external examiner for Bachelor of Engineering (BEng) programmes and technical diploma programmes and external examiner for BSc and MSc in Engineering

2. Administration og ledelse af uddannelse: Erfaring med uddannelsesledelse og –koordinering. Oversigt over studieadministrative opgaver, eksempelvis medlem af studienævn, studieleder, semesterkoordinator, fagkoordinator, akkreditering m.v. Erfaringer med planlægning af uddannelsesafvikling. Erfaring med udvikling af uddannelser. Deltagelse i udvalg, kommissioner m.m. vedr. uddannelse.

2010 – 2020 member of the A – study board.

2010 – 2012 member of the B-study board

2020 - Head of the B-study board.

I have been Head of program (Programkoordinator) on Indoor Environmental and Energy Engineering from 2012 and on Building energy Design from the beginning in 2015.

3. Formel pædagogisk uddannelse: Oversigt over gennemførte universitetspædagogiske kursusforløb, PBL-kurser, workshops, udviklingsprojekter, kollegial supervision o.l. Udtalelse fra universitetspædagogikum. Deltagelse i konferencer om pædagogik og didaktik. Dokumentation i form af kursusbeviser, udtalelser m.m. vedlægges.

Participated in Adjunkt pædagogikum 2004-2006 and supervisor for 3 Assistant Professor (2012-2014, 2014-2016, 2021-2023)

4. Andre kvalifikationer: Bidrag til konferencer, debatindlæg, videnskabelige artikler om pædagogiske emner m.v. Kollegiasupervision, redaktørarbejde, erfaring som mentor og anden kompetenceudvikling.

Participated in the network on first year PBL and participating in DEEP

5. Pædagogisk udvikling og forskning: Udvikling af nye kurser, undervisningsmateriale, undervisnings- og eksamensformer eller andet udviklingsarbejde. Didaktisk og pædagogisk forskning. Samarbejde med eksterne samarbejdspartnere.

B.Sc. and M.Sc. in Indoor Environmental Engineering

I have from 2008 been strongly involved in both planning and execution of this education. I have been involved in updating and co-developing of several of the courses and projects e.g. Advanced modelling of Energy and Indoor Environment, Introduction to PBL and Indoor Environmental Engineering, Indoor Environmental Analysis and Measurements, Hygrothermal Building Physics and Building Energy Consumption, Fault Detection.

M.Sc. in Building Energy Design

I was one of two persons applying for and developing the curriculum for the M.Sc. education in Building Energy Design prior to its start in 2015 and later in the detailed planning of the education.

B.Sc. and M.Sc. in Architecture & Design

I was from 2010-2020 strongly involved in both planning and execution of this education. This involves especially adapting

engineering methodology and workflow to accommodate the needs of the architectural design process and design evaluation with the aim to facilitate building simulations as one of the design guiding elements. I have been involved in updating and co-developing of several of the courses and projects e.g. Integrated Design-Engineering IV: Passive and Active Design Strategies to Support Sustainable Building Design, Integrated Design-Engineering VI-B: Simulations of Indoor Built Environments and Energy Consumption, Advanced Integrated Design II: Green Building Strategies with Focus on Energy and Emission Assessment.

B.Sc. and M.Sc. in Bæredygtige Byggeprocesser

As head of the study board I was strongly involved in and responsible for the application, curriculum development and starting of this education.

6. Udtalelser om undervisningskompetencer fra foresatte og kolleger.

Undervisningsevalueringer og eventuelle udmærkelser for undervisningsvaretagelse.

7. Evt. personlige refleksioner og initiativer: Personlige overvejelser knyttet til undervisning og vejledning, ønsker til og planer for pædagogisk videreudvikling, planer for opfølgning på undervisningsevalueringer m.v. Refleksioner over eget pædagogiske arbejde, dets målsætninger, metoder og gennemførelse. I refleksionen analyseres og motiveres dine pædagogiske aktiviteter i forhold til din pædagogiske forståelse og de studerendes læring. Tanker om undervisningsformen på Aalborg Universitet, der har et stort indhold af gruppeorganiseret projektarbejde og problembaseret læring (PBL).

8. Andet.

I have served as an external evaluator (Panelmedlem) for The Danish Accreditation Institution (ACE) on 10 educations from 2015 – 2016