

Undervisningsportfolio

1. Undervisnings-CV: Oversigt over undervisnings- og vejledningsopgaver med angivelse af fagområder, omfang, niveau (BA, kandidat, EVU, Ph.d) samt evt. censoropgaver.

2008 - 2015: Lecturing and co-supervision at the 1st year of various B.Sc. engineering programmes, including Energy Engineering, Mechanical Engineering, Biotechnology, Global Business Engineering, Biology, Environmental Engineering, Civil Engineering and Health Technology

Courses: Problem-based learning in science, technology and society

2008-2016: Lecturing and supervision at various B.Sc. and M.Sc. planning and engineering programmes, including Sustainable Energy Planning and Management, Sustainable Cities, Urban, Energy and Environmental Planning, Geography, Joint European Master in Environmental Studies (JEMES) and Land Surveying, Energy Engineering

Courses: Energy and Environmental Policies, Technical Energy Systems Analysis and Policy Design, Energy & Environmental Tools and Project Evaluation, Economic, Social and Environmental Impact Assessment, Innovation & Economy Energy planning

2010 - 2011: lectures at the SESAM M.Sc. programme at Flensburg University

2. Studieadministration: Oversigt over studieadministrative opgaver, eksempelvis medlem af studienævn, studieleder, semesterkoordinator, fagkoordinator, akkreditering m.v.

Since 2013: Semester coordinator at the 2nd semester of the M.Sc. programme in Sustainable Energy Planning and Management

3. Universitetspædagogiske kvalifikationsforløb: Oversigt over gennemførte universitetspædagogiske kursusforløb, PBL-kurser, workshops, udviklingsprojekter, kollegial supervision o.l.

University Teacher Education, Aalborg University - Year: Completed 2013

2011: Workshop on improving the use of video-conferences in teaching.

2013: Seminar on the practical aspects of group-based project exams.

4. Anden form for kvalificering: Konferencedeltagelse, debatindlæg, oplæg m.v. i relation til uddannelse, "Undervisnings dag", o.l.

None

5. Undervisningsudviklingsforløb og undervisningsmateriale: Oversigt over medvirken til udvikling af nye moduler, undervisningsmateriale, uddannelser, e-learning, samarbejde med eksterne samarbejdspartnere o.l.

I have developed approaches to amplify student-centred teaching and learning, and to improve the alignment between learning objectives, course activities and evaluation/assessment. I strategically include in-class brainstorming, student presentations, exercises and mini projects into my teaching, as a supplement to more traditional forms of teaching, based on e.g. slides and literature. In terms of assessment, I have experimented with clarifying students' expectations towards traditional forms of written examination already at the beginning of a course. I have also conducted "test exams" in order to better prepare students for an exam. I have developed alternative ways of assessment and combined them with a more activity-based approach to teaching. One example, is a 2 weeks mini-project during the course "Sustainable Energy Systems: Economics, Environment and Public Regulation", which I have designed and which was the basis for student presentations and an oral exam. The students were asked to design and analyse a small energy system, and thereby learn to use the tools, which were presented at the course.

I have been involved in the PG study board's work on promoting the subject area energy planning within the education of Urban, Environmental and Energy Planning at the undergraduate level. This work was started because the feedback from students during several years had been that the subject of energy was not represented sufficiently in the curriculum of the education. Specifically, I prepared a report on the extent to which energy as a subject area was part of the education, based on a dialogue with teachers and students.

6. Nominering til og/eller modtagelse af undervisningspriser.

Skriv dit svar her...

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.

Skriv dit svar her...

8. Andet.

Skriv dit svar her...