

Teaching portfolio

1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.

Kursusaktivitet

Hydrogeology and Groundwater Modelling (2019 - Nu)

Kandidatuddannelsen i Vand og Miljø og Geografi

Kursusomfang 5 ECTS, hvor jeg er ansvarlig for 5 ECTS

Kursusansvarlig

Hydraulik og stoftransport (2021 - Nu)

Bachelor i hhv. Kemiteknologi, Bioteknologi, Kemi

Kursusomfang 5 ECTS, hvor jeg er ansvarlig for 1.7 ECTS

Integreret procesmodellering / Integrated Process Modelling, (2019 - 2021)

Bachelor i hhv. Kemiteknologi, Miljøteknologi, Bioteknologi, Diplomingeniør i Kemi og Bioteknologi, Ingeniørpraktik, Kemi

Kursusomfang 5 ECTS, hvor jeg er ansvarlig for 2.5 ECTS

Modellering af heterogene processer / Modelling of Heterogeneous Processes (2019 - 2021)

Bachelor i hhv. Kemiteknologi, Kemi, Miljøteknologi og Bioteknologi, samt diplomingeniør i Kemi og Bioteknologi

Kursusomfang 5 ECTS, hvor jeg er ansvarlig for 1.7 ECTS

Hydroinformatics, (2016 - Nu)

Bachelor i Vand og Miljø

Kursusomfang 5 ECTS, hvor jeg er ansvarlig for 1 ECTS

Vejledning, semesterprojekter

1. Semester Bacheloruddannelsen i Byggeri og Anlæg, Virklighed og Modeller, 2019, 1. projekt.

2. Semester Bacheloruddannelsen i Byggeri og Anlæg, Virklighed og Modeller, 2019, 1. projekt.

3. Semester Bacheloruddannelsen i Byggeri og Anlæg, Virklighed og Modeller, 2016-2018, 6 projekter.

7. Semester Kandidatuddannelsen i Vand og Miljø, Jord og Grundvand, 2019-Nu, 10 projekter.

Vejledning, kandidatspeciale

2022-2023, Benjamin Terndrup Hedevang og Frederik Kronborg Bang Sørensen, Terrænnært vand, Kandidatspeciale i Vand og Miljø

2022-2023, Mathias Ulsted Jackerott, CFD-modellering af overløbsbygværker, Kandidatspeciale i Vand og Miljø

2022-2023, Henrik Harlev Thomsen, Mikkel Miang Engstrup og Nikolaj Nørgaard Larsen, Geologisk Heterogenitet i Kærby, Kandidatspeciale i Vand og Miljø

2021-2022, Tobias Kolster Svarrer, Super resolution of radar images using a deep learning neural network, Kandidatspeciale i Vand og Miljø

2020-2021, Hamed Mohamadian, Investigation of Flooding Problems in Kærby, Msc in Environmental and Land Planning Engineering, Politecnico Di Milano

2020, Saad Allah Ghassan Kassam, Urban Flood Risk Management of Østerå, Kandidatspeciale i Vand og Miljø

2019-2020, Saad Allah Ghassan Kassam and Vincenzo Gionti, Flood risk assessment of the opening of Østerå in Godsbanearealet, Kandidatspeciale i Vand og Miljø

2019-2020, Niels Harald Kjær Jepsen, Varslingssystem imod regnbetingede oversvømmelser baseret på realtidsmodeller, Kandidatspeciale i Vand og Miljø

2018 - 2019, Lasse Dichmann og Jens Martin Eriksen, Varslingssystem imod regnbetingede oversvømmelser, Kandidatspeciale i Vand og Miljø

2018, Louise Toft Søndergaard Jensen, Kortlægning af oversvømmelsesudsatte områder i Kærby og Håndværkerkvarteret, Kandidatspeciale i Vand og Miljø

2017-2018, Klaus Jess, Realtidsstyring af Kolding afløbssystem, Kandidatspeciale i Vand og Miljø

2016-2017, Emil Nielsen, Prædiktiv realtidsstyring af danske afløbssystemer, Kandidatspeciale i Vand og Miljø

2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.

Type your answer here...

3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision,

etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc

Type your answer here...

4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.

Type your answer here...

5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.

Type your answer here...

6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.

Type your answer here...

7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)

Type your answer here...

8. Any other information or comments.

Type your answer here...