

Undervisningsportfolio

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

Courses

Level Title Course evaluation Extent When

BSc. Inorganic and Physical Chemistry Written 5 ECTS (100%) 2018-2007
BSc. Environmental Chemistry and Geochemistry Oral 5 ECTS (50%) 2010-2009
BSc. Technology and Ecology Oral 7.5 ECTS (50 - 100%) 2018-2012
MSc. Water Treatment Oral 5 ECTS (50%) 2020-2012
MSc. Physical chemistry of materials – Electrochemistry Written 5 ECTS (50%) 2019-2011
BSc. General Chemistry Written 5 ECTS (100%) 2019 – current
BSc. Inorganic Chemistry Written 2.5 ECTS (100%) 2019 - current
BSc. Separation processes and Thermodynamics Written 5 ECTS (2 lectures) 2017 - current
MSc. Advanced Redox and Separation Processes Oral 5 ECTS (100%) 2021 – current
MSc. Environmental Chemistry Oral 3.75 ECTS (50%) 2021 - 2019
MSc. Introduction to Environmental and Pollution Science Oral 3.75 ECTS (50%) 2022 – current
MSc. Recovery and Purification of Biological Products Oral 5 ECTS (1 lecture) 2020 - current
PhD. Summerschool in Advanced oxidation processes Lectures 2018

Student semester projects

Overview from 2007 to current (jan. 2023)

Type Supervised projects Evaluation form

BSc. Chemistry and Biotechnology
Semester project (15 ECTS) 136 Joint presentation, individual/joint project defense
BSc. Thesis (15 ECTS) 17 Joint presentation, individual project defense
Diploma Thesis (15 ECTS) 11 Joint presentation, individual project defense
Internships 5

MSc. Chemical Engineering / Oil and Gas Technology

Semester project (15 ECTS) 27 Joint presentation, joint project defense
Thesis (30 ECTS) 15 Individual project defense

BSc. Environmental and Resource Management

Semester project (7.5 ECTS) 9 Individual project defense

MSc. Environmental and Resource Management

Thesis (30 ECTS) 16 Individual project defense

MSc. in Environmental Technology and Management

Semester project (8 ECTS) 1 Individual project defense

Total 237

Censoring

I have been examiner and censor in all of the courses above and examiner and censor on even more student projects than showed above.

I have chaired three internal PhD assessment committee's and been opponent in 5 external committees.

External censoring tasks:

Censoring af diplomspeciale på SDU, 16 jun. 2022

PhD defense of Guan Wang, DTU Environment, 8 mar. 2022

Member of assessment committee of PhD defense at DTU Chemical Engineering, 28 okt. 2021

Censor of MSc Environmental Engineering at DTU Environment, 20 jul. 2021

Opponent at PhD defence - Modelling of Dynamic Microfiltration for Application in Biotechnology, 30 jun. 2020

Censor på Laborantuddannelsen på CPH-Business Laborantskolen Nordsjælland, 17 jan. 2020 → 18 jan. 2020

Censor på Laborantuddannelsen på UC Lillebælt, 10 jan. 2020

Censor på Laborantuddannelsen, UC Syd, 23 jan. 2019

PhD assessment committee and defense - Århus University, 26 apr. 2018

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

Semester coordination

Duty TaskWhen

Semester coordination (BSc. Chemical Engineering and Biotechnology 1st to 4th sem.)Semester planning and formative and summative evaluation2015-2010

Campus coordination (First Study Year AAU campus EsbjergPlanning of joint activities, semester startup etc., semester evaluation.2013-2011

Semester coordination (BSc. Chemical Engineering and Biotechnology 1st to 2th sem.)Semester planning and formative and summative evaluation2021-2015

Semester coordination (MSc. Chemical Engineering 3st and 4th sem.)Semester planning and formative and summative evaluationcurrent-2018

Multiple revisions of study curricula for BSc Chemical Engineering and Biotechnology and MSc in Chemical Engineering

Developing, designing etc. and start up of MSc program in Bioengineering (2018 and forward).

I have participated in accreditation work related to BSc Chemical Engineering and Biotechnology programme, the Diploma programme and the Chemical Engineering master programme.

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

AAU Adjunktpædagogikum / University Pedagogical course passed in 2014.

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

Yearly attendance of AAU Learning Day

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

Development of course structure, materials etc. for all courses in Headline 1.

6. Nominering til og/eller modtagelse af undervisningspriser.

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.

8. Andet.