

Teaching portfolio

1. Teaching CV: A list of any lecturing and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD) as well as any external examiner tasks.

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

2. Study administration: A list of any study administration tasks, e.g. study board membership, head of studies or semester or course coordinator, accreditation, etc.

Semester coordination

Duty TaskWhen

Semester coordination (BSc. Chemical Engineering and Biotechnology 1st to 4th sem.) Semester planning and formative and summative evaluation 2015-2010

Campus coordination (First Study Year AAU campus Esbjerg) Planning 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 evaluation 2021-2015

Semester coordination (MSc. Chemical Engineering 3st and 4th sem.) Semester planning and formative and summative evaluation current-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. University pedagogy qualifications: A list of any completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc.

AAU Adjunkt pædagogikum / University Pedagogical course passed in 2014.

4. Other qualifications: Conference attendance, editorials, presentations, etc. relating to education, 'University Teaching Day', etc.

Yearly attendance of AAU Learning Day

5. Teaching activity development and teaching materials: A list of any contributions to the development of new modules, teaching materials, study programmes, e-learning, collaboration with external business partners, etc.

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

6. Teaching awards you may have received or been nominated for.

7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogic development, plans for following up on feedback/evaluations from students, etc.

8. Any other information or comments.