

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.

1) Basic Inorganic Chemistry - Grundlæggende Uorganisk Kemi (III semester, 2.5 ECTs)

At the end of the course, students know how to predict the properties of the elements on the basis of their position on the periodic table. Students are able to apply this knowledge to understand the properties of everyday-life substances and materials.

2) Laboratory of Inorganic Chemistry–Uorganiske Kemi Laboratorieøvelser(IV semester 2.5 ECTs) Students have the opportunity to use the knowledge acquired during the course of Basic Inorganic Chemistry to design synthetic routes for the fabrication of inorganic materials and metalorganic compounds.

3) Advanced Inorganic Chemistry - Uorganisk Kemi II (V semester – Scient, 5 ECTs)

The chemistry of different elements is analyzed with high focus on sustainability, environmental friendly fabrication methods, and the green applications that these materials can find in nowadays world.

4) Sol-gel techniques - Sol-gel teknikker (V semester – Scient, 15 ECTs) Through a small project, students learn the basic principles of sol-gel methods and their applications.

5) Seminars, single lectures are given in the following courses:

- Nanoporous Materials in the module of Materials Chemistry (VII semester)

- Membrane Fabrication in the module of Processing of Materials (VII semester)

- Two seminars on Green Chemistry and Polymeric Silica Sols in the module of Polymers and their Properties - Polymere og polymeres egenskaber, (VIII semester, Esbjerg).

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.

Skriv dit svar her...

3. University pedagogy qualifications: A list of any completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc.

1)2011-2012: AAU Adjunktpædagogikum;

2) 2015: course for PhD Supervisors

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

Type your answer here...

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.

Publication of the article: V. Boffa, Y. Yue, W. He, 2012, Sol-gel synthesis of a biotemplated inorganic photocatalyst: a simple experiment for introducing undergraduate students to materials chemistry, Journal of Chemical Education, 89, 1466-1469.

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

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 pedagogic development, plans for following up on feedback/evaluations from students, etc.

Type your answer here...

8. Any other information or comments.

Type your answer here...