

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.

Kurser og projektvejledning på alle niveauer (1.år på universitetet til PhD) siden 1983

Siden E 2015 specielt følgende:

Forelæsninger:

- Matematik, geometriske strukturer og parametrisk design: ARK/URB 1-2, F2016-17, E 2017-22, 5ECTS
- Lineær Algebra: Campus Aalborg F2018, Campus København E 2022, 5 ECTS
- Calculus: Campus København F2018, 5ECTS
- Introduktion til matematiske metoder: Matematik 2, E2016, 5ECTS
- Matematik, rumlige strukturer og parametrisk design i arkitektur og urban planlægning: ARK/URB 3-4, F2016-20, E2022-22, 5ECTS
- Matematik, rumlige strukturer og parametrisk design i industriel design: ARK/URB 3-4, F2016-20, E2022-22, 5 ECTS
- Analyse 2: Matematik 4, F2021-22, 5ECTS
- Symmetriundersøgelser af mønstre Matematik 4, F2016-17, 1ECTS
- Differentialgeometri: Matematik 5, E2015, 2017-22, 5ECTS
- Algebraisk topologi: Matematik 6-8, F2016, 5 ECTS
- Master Geometri I, udbudt af danske universiteter, organiseret af SDU: F2019, 2020 og 2022, 5 ECTS
- Differential Geometry – as you need it in science and engineering: Ph.D.-kursus, E 2016 og 2018, 4ECTS
- Nonlinear Differential Equations and Dynamical Systems: Ph.D.-kursus, E 2015, 2017, 2019 og 2021, 3-4 ECTS
- Manifolds; Ph.D.-kursus, F2020-21, 1ECTS
- Matematik, geometriske strukturer og parametrisk design: ARK/URB 1-2, F2016-17, E 2017-22, 5ECTS
- Lineær Algebra: Campus Aalborg F2018, Campus København E 2022, 5 ECTS
- Calculus: Campus København F2018, 5ECTS
- Introduktion til matematiske metoder: Matematik 2, E2016, 5ECTS
- Matematik, rumlige strukturer og parametrisk design i arkitektur og urban planlægning: ARK/URB 3-4, F2016-20, E2022-22, 5ECTS
- Matematik, rumlige strukturer og parametrisk design i industriel design: ARK/URB 3-4, F2016-20, E2022-22, 5 ECTS
- Analyse 2: Matematik 4, F2021-22, 5ECTS
- Symmetriundersøgelser af mønstre Matematik 4, F2016-17, 1ECTS
- Differentialgeometri: Matematik 5, E2015, 2017-22, 5ECTS
- Algebraisk topologi: Matematik 6-8, F2016, 5 ECTS
- Projektvejledning Matematik 1, E 2016, Matematik 2, F2018 og 2021, Matematik-Økonomi 3, E2018, Matematik 4, F2021
- Master Geometri I, udbudt af danske universiteter, organiseret af SDU: F2019, 2020 og 2022, 5 ECTS
- Differential Geometry – as you need it in science and engineering: Ph.D.-kursus, E 2016 og 2018, 4ECTS
- Nonlinear Differential Equations and Dynamical Systems: Ph.D.-kursus, E 2015, 2017, 2019 og 2021, 3-4 ECTS
- Manifolds; Ph.D.-kursus, F2020-21, 1ECTS
- Symmetri: Foredrag for gymnasieklasser og for folkeuniversitetet, 2018, 2019, 2021.

Projektvejledning

- Matematik 1, E 2016,
- Matematik 2, F2018 og 2021,
- Matematik-Økonomi 3, E2018,
- Matematik 4, F2021
- Specialevejledning Matematik 10 og Master 4: 3 studerende, 2017-18

Censur

- Intern censor: Diverse opgaver
- Ekstern censor: Diverse opgaver, inkl. bachelorprojekter og specialer i Matematik, AU og KU, matematikkurser, AU, 1.års projekt, DTU
- Jurymedlem og "rapporteur" til flere Ph.D.-eksaminer, École polytechnique, Paris.

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.

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

Faglig vejleder for fem adjunkter i forbindelse med deres pædagogiske forløb; sidst i 2020-21.

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...