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.

Lectures at Department of Matematical Sciences, Aarhus University, 1980-1995: Various courses at Bachelor- and Master-student level as well as supervisor on Master and PhD projects in Mathematics and Mathematical Statistics.

Lectures at Department of Matematical Sciences, Aalborg University, since 1996: Various courses at BA-, Master-, and PhD-student level as well as supervisor on Bachelor, Master, and PhD projects in Mathematics, Mathematical Statistics, and various Engineering Studies.

Since 2016 (Mat = Mathematics, Matøk = Mathematics-Economy, Mattek= Mathematics-Technology):
-Supervisor on various projects for Bachelor-students at AAU Campus, 15 ECTS points Mat4 (E2016, F2021, F2022), Matøk4 (F2021), Mat5 (E2019, E2020, E2021), Matøk5 (E2021), Mat6 (F2016, F2019, F2020, F2021, F2022), Mattek6 (F2019).
-Spatial Statistics and MCMC, Bachelor-students at AAU Campus, 5 ECTS points: (F2016, F2018, F2020).
-Probability Theory, Bachelor-students at AAU Campus, 5 ECTS points: Mat4 (F2016), Matøk4 (F2016), Mattek4 (F2016).
-Statistical Inference for Linear Models, Bachelor-students at AAU Campus, 5 ECTS points: Mat5 (E2016), Matøk5 (E2016), Mattek5 (E2016).
-Supervisor on various projects for Master-students at AAU Campus, 15 ECTS points: Mattek8 (F2017, F2019), Mattek9 (F2017,E2019, E2020), Mattek10/speciale (F2016, F2017, F2018, F2019, F2020, F2021, F2022).
-Bayesian Statistics, Master-students at AAU Campus, 4 ECTS points: Mat7 (E2022), Mattek7 (E2022), Matøk7 (E2022), Mat9 (E2022), Matøk9 (2022).
-Bayesian Statistics, Simulation and Software – with a View to Application Examples, AAU Campus, 4 ECTS points: PhD-course.
-Statistics for Point Patterns in Space and Beyond, AAU Campus, 4 ECTS points: Ph.D. summer school course at First International PhD Summer School, Aalborg University, 2022.
-Internal censor: Various exams at AAU.
-External censor: Various exams for Bachelor, Master, and PhD-dissertations in Mathematical Statistics, AU, SDU, and KU.

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.

Head of the Doctoral Program Mathematics, Physics and Computational Science, AAU, since 2000.

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

None.

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.

Mentor for several postdocs at AAU since 1998.

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.

Organising and developing new material for various new courses at AAU in Probability Theory (Bachelor student level), Statistical Inference for Linear Models (Bachelor student level), Spatial Statistics (Bachelor student level), Bayesian Statistics and Markov Chain Monte Carlo (Bachelor, Master, and PhD student level), etc.

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...