

Ph.D. studies

Teachers' meeting

October 29, 2020

Chalmers

Anders Palmqvist (Vice President of Research and Research Education) will visit our “kollegiemöte” on November 9

- Electronic study plan
- GTS courses
- Agreement for industrial Ph.D. students
- Covid-19
- Process to follow up Ph.D. students' studies
- Appointment regulation for doctoral programmes (arbetsordning)
 - Examiner has to be at least “biträdande” professor
 - The main supervisor cannot be the chairman of the Ph.D. defense -> examiner is the chairman

GU/science faculty: FUBAS

If you are thinking of giving a Ph.D. course

1. Talk to your manager (head of division)
2. Talk to Johan T or Marija who can help you to put your course plan in [FUBAS](#) (system for Ph.D. courses)
3. Ask the students to apply and register via [FUBAS](#), i.e. give a link to [FUBAS](#) homepage when you advertise your course

If you want to take a (pure) Ph.D. course (Ph.D. students), apply and register via [FUBAS](#)

MV: working environment survey, Ph.D. students

- Only 15 replied
- Quite happy with their work, supervision, and leadership
- No discrimination but master suppression techniques (härskartekniker) occur
- Some think that
 - Work does not always feel meaningful (even for them)
 - No clear assignments
 - Lack of appreciation if somebody does something good
 - Hard to find balance between work and private life
 - Not enough time to recover between different tasks and after the working day
- If you have (a) Ph.D. student(s), please, keep contact with them!

MV: Ph.D. courses with other universities in Sweden

- Magnus Goffeng, Andreas Rosén, Aila Särkkä, Johan Tykesson
- We have agreed with other universities in Sweden that we will inform each other about our Ph.D. courses, especially those that are on-line or have a “travel friendly” schedule
- Magnus is currently investigating whether we could have a common homepage with links to the Ph.D. course homepages of different universities

Number of course points in Ph.D. studies

- “Kollegiemöte” (March 2020):
 - Olle Häggström’s investigation from 2007
 - Many universities in Sweden has decreased the course requirements
 - in mathematics to 60 or 100
 - in mathematical statistics to 80, 90 or 100
 - in applied mathematics to 60, 80 or 100
- Working group
 - Mathematics: Michael Björklund and David Witt Nyström
 - Mathematical statistics: Aila Särkkä and Johan Tykesson
 - Applied mathematics and mathematical statistics: Marija Cvijovic, Erik Kristiansson and Axel Målqvist

Mathematics (David and Michael)

- From 120c to 90c: Chalmers/faculty compulsory courses + math courses
- At least one course in each of the following areas
 - Mathematical analysis
 - Algebra
 - Topology and geometry
 - Applied mathematics
- At least 60c has to be at PhD level (joint with Master's)
- One can include courses from Master's degree if they are relevant for the PhD student's studies (very restrictive)

Mathematical statistics (Aila and Johan)

- From 120c to 90c
- At least 60c has to be at PhD level (or joint with Master's).
- At least 30c in (mathematical) statistics and 30c in probability theory
- A seminar course (7.5c) mandatory
- One can include courses from Master's degree if they are relevant for the PhD student's studies (very restrictive)

Applied mathematics and mathematical statistics (Axel, Erik and Marija)

- From 90c to 60c (including GTS)
- (Corresponds to the current situation since almost everybody includes 30c from their Master's degree)
- Compulsory courses (at PhD level or joint with Master's): one in each of the following areas
 - Computational mathematics
 - Mathematical Statistics
 - Optimization
- The remaining courses should be at PhD level (or joint with Master's)
- One can include courses from Master's degree if they are relevant for the PhD student's studies (very restrictive)