

# Graduate Studies at MISU

Abdel Hannachi

Director of postgrad studies, MISU

*Thanks to*

*Malin Ödalen, Cecilia Wesslen & Jonas Nycander*

# Content

- Brief introduction of new PhDs
- Key contact persons
- Admittance/time limit
- PhD Requirements
- Courses
- CRS
- Rights
- Important site

# Brief introduction

Welcome to this PhD introduction (at your service 😊)



**Briefly introduce yourself**

05/02/14

# People to be contacted when needed

- Abdel Hannachi      [a.hannachi@misu.su.se](mailto:a.hannachi@misu.su.se)  
Extension: 4351, room C674
- Cecilia Wesslen      [cecilia@misu.su.se](mailto:cecilia@misu.su.se)  
Extension: 2412
- Anita Dahlberg      [Anita.dahlberg@misu.su.se](mailto:Anita.dahlberg@misu.su.se)  
Extension: 4353, room C606
- Maartje Kuilman  
(PhD council)      [Maartje.kuilman@misu.su.se](mailto:Maartje.kuilman@misu.su.se)  
Extension: 2395, room C630

# Admittance

All PhD positions are announced openly on MISU web page and also other places, e.g newspapers.

- University funded ('fakultetstjänst'): the employed student chooses a project and supervisor
- External funding: supervisor and project predetermined

# Time limits

- Maximum 4 years of studies
- Additional possibility of maximum 20% departmental work (e.g. Teaching) may give another year


# Requirements for a PhD

- 4 papers, of which usually 2 published or accepted
  - Three (or at least two) of which are first author
- 75 hp courses, of which 7.5 hp is the compulsory introductory course, and one more should be a general 15 hp course (e.g. general circulation, etc.)
- 4 research seminars and 4 discussion or literature review seminars
  - Research seminar: 30 min long + 2 min discussion & 10 min Q&A session (own work, e.g. MSc or PhD)
  - Review seminar: based on 1-2 (own choice) papers from literature

# Requirements for a PhD (cntd)

-- Discussion seminar: based on a chosen topic/paper (1hr, 4 PhDs and 1 researcher).

-- Half-term seminar – **Applicable from 1 Jan 2015** – The student is required to present the status of the thesis progress (25 min + 5 min question) – (specific available from Abdel).

- 3 submitted papers + 75 credits + 6 seminars, 3 of which are research  80%



In this case to get **salary increase** you should fill in the form on the web.

**NB** For (50%) salary increase you need: 1 submitted paper, 45 ETCs & 4 seminars



### Halftime seminar in the doctoral program at MISU

The Ph. D. students at MISU, enrolled in 2015 or later, shall give a halftime seminar; for the Ph. D. students enrolled earlier than 2015 the seminar is optional. The halftime seminar counts as a research seminar and the number of mandatory Ph. D. seminars remains unchanged. A halftime seminar must be given also by Ph. D. students who chose to give a Licentiate seminar.

The halftime seminar shall be given during the semester in which the midpoint of the nominal study time (24 months, excluding teaching, leave of absence etc) is reached. One date each semester will be scheduled for halftime seminars, preferably in the middle of the semester, and these dates should be announced well in advance.

The audience at the halftime seminar will be the teachers and researches at MISU who supervise Ph. D. students. Thus, seminar is not open to the other Ph. D. students or the postdocs.

Unlike a regular research seminar, the halftime seminar should not primarily focus on presenting ready and polished scientific results. Rather, the main aim is to describe in a reflective way the research process and progress during the first two years of the doctoral studies. The allotted time for a halftime seminar is 30 minutes including questions and discussion. Thus, the presentation should be no longer than 20 to 25 minutes.

### A preliminary list of instructions for the halftime seminar is provided here:

- 1) Present the thesis topic, relating it to the broader research field.
- 2) Taking a research-process perspective, describe and reflect on how the research has been carried out so far — e.g., commenting on what has worked well and also on challenges and difficulties encountered (models not working, unavailable data sets, hypotheses failing, etc).
- 3) Very briefly account for course work and conference/workshop participation in relation to their benefits for the thesis work. (One slide summarizing these activities should be sufficient.)
- 4) Briefly, highlight some important results. (“Now we know that this approach does not work” can be an important result in this context.)
- 5) Give an outlook of the remaining thesis work.



Johan Nilsson  
Ämnesansvarig för forskarutbildningen

## Meteorologiska institutionen

---

### Halftime seminar in the doctoral program at MISU

The Ph. D. students at MISU, enrolled in 2015 or later, shall give a halftime seminar; for the Ph. D. students enrolled earlier than 2015 the seminar is optional. The halftime seminar counts as a research seminar and the number of mandatory Ph. D. seminars remains unchanged. A halftime seminar must be given also by Ph. D. students who chose to give a Licentiate seminar.

The halftime seminar shall be given during the semester in which the midpoint of the nominal study time (24 months, excluding teaching, leave of absence etc) is reached. One date each semester will be scheduled for halftime seminars, preferably in the middle of the semester, and these dates should be announced well in advance.

The audience at the halftime seminar will be the teachers and researches at MISU who supervise Ph. D. students. Thus, seminar is not open to the other Ph. D. students or the postdocs.

Unlike a regular research seminar, the halftime seminar should not primarily focus on presenting ready and polished scientific results. Rather, the main aim is to describe in a reflective way the research process and progress during the first two years of the doctoral studies. The allotted time for a halftime seminar is 30 minutes including questions and discussion. Thus, the presentation should be no longer than 20 to 25 minutes.

#### A preliminary list of instructions for the halftime seminar is provided here:

- 1) Present the thesis topic, relating it to the broader research field.
- 2) Taking a research-process perspective, describe and reflect on how the research has been carried out so far — e.g., commenting on what has worked well and also on challenges and difficulties encountered (models not working, unavailable data sets, hypotheses failing, etc).
- 3) Very briefly account for course work and conference/workshop participation in relation to their benefits for the thesis work. (One slide summarizing these activities should be sufficient.)
- 4) Briefly, highlight some important results. ("Now we know that this approach does not work" can be an important result in this context.)
- 5) Give an outlook of the remaining thesis work.



Johan Nilsson  
Ämnesansvarig för forskarutbildningen

## Meteorologiska institutionen

---

# Requirements for a PhD (cntd)

- Seminars & credits
  - 3 credits for attending 20 seminars (by PhD students) among them at least 10 discussion seminars
  - 4.5 credits when you complete 4 (review or discussion) seminars & 4 research seminars

Please note:  
Provide me with a hardcopy with a list of attendees & email me the list of attendees of your discussion seminar.



## Seminar - Sara & Aitor - MISU

### EVENT

**Date:** 10 November 2015, 11.15 AM - 10 November 2015, 12.15 PM

**The role of PV-conservation in a cyclonic boundary current along a topographic slope. The effect of the Mediterranean overflow water on the North Atlantic**

#### Name

Sara Broomé & Aitor Aldama Campino  
Department of Meteorology, Stockholm University

#### Title

**Sara:** The role of PV-conservation in a cyclonic boundary current along a topographic slope - or the current business of the Norwegian Atlantic Slope Current

**Aitor:** The effect of the Mediterranean overflow water on the North Atlantic

#### Time and place

Tuesday 10 November 2015, 11.15  
Room C609, Arrhenius Laboratory, 6th floor

#### Welcome!

**Last updated:** November 3, 2015

**Page editor:** Cecilia Westlén

**Source:** MISU

Attendees: Malin Ödalen  
Henrik Carlson  
Lina Broman  
Aitor Aldama-Campino  
Sara Broomé



Stockholms  
universitet

*Stockholm 2015-03-17*

**Tillgodoräknade av seminariedeltagande i forskarutbildningen**

Deltagande i doktorandseminarieverksamheten omfattande en dokumenterad närvaro vid minst 20 seminarier, varav av minst 10 diskussionsseminarier, ger 3 hp i forskarutbildningen i Atmosfärvetenskap och Oceanografi.

I tjänsten,

A handwritten signature in blue ink, appearing to read 'Johan Nilsson', with a long horizontal flourish extending to the right.


Johan Nilsson  
Ämnesansvarig för forskarutbildningen

05/02/14

# Licentiate

Recommended after 2 years of PhD studies

Requirements:

- One submitted paper and a summary with overview
- 45 hp courses
- At least one general (compulsory) course (15 ECTS) completed
- 2 research seminars and 2 discussion or literature seminars  ***Two more credits***

# Graduate student committees

- Support for the student
- Members: student, supervisors, 2 other MISU teachers, and **optional** student mentor
- Decides on and updates the individual study plan
- The student calls for the meeting at least once a year, before renewal of employment contract.

*Before the first committee meeting the student  
Should write a short project description*

*A guideline document is provided*

*(The new study plan was decided 1 July 2017)*

- Form at <http://www.misu.su.se/education/phd-studies/documents>

*Remember to book a room (**studentexp@misu.su.se**)  
and get the form from MISU website.*

### **Guidelines for PhD committee meetings**

- The PhD fellow has the responsibility to call for the meeting and hand in signed documents to the Head of Administration one month before the renewal of his/her contract.
- If a date and time cannot be agreed upon by all committee members, the PhD fellow decides a date on which a majority of members can attend, with preference given to the attendance of a maximum of external committee members.
- Permission needs to be granted by the Head of Administration if handing in the signed Individual Study Plan will occur later than the set deadline mentioned above.
- If one or several committee members are unable to attend due to temporal reasons (e.g. sabbatical or parental leave) or permanent reasons (e.g. not working at MISU), the PhD fellow informs the Head of Doctoral Studies, who will then decide on new external members.
- The committee is a resource for the PhD fellow and its task is to evaluate supervision and scientific and educational progress made during the past year, as well as to discuss plans for the coming year.
- The committee should also assist and support the PhD fellow in case problems regarding supervision or progress arise during the education. The external committee members need to be notified by the PhD fellow before the start of the meeting so problems can be discussed during the meeting.
- The committee meeting is chaired by an external member, chosen by those external members.
- The PhD fellow may invite a senior graduate student to participate in the meeting, in which he/she acts as support or mentor and in which he/she independently can evaluate the progress of the meeting.
- The PhD fellow shall bring the following documents to the meeting:
  - Individual Study Plan (from previous years and for the upcoming year)
    - for the first year: written by the fellow and supervisors before the meeting and discussed or updated with the committee during the meeting
    - for the next years: as decided by the committee during the 1st meeting (either blank or filled out)
  - Transcript of Records (from Ladok)
  - List of attended seminars (given by Head of Doctoral Studies)
  - List of assistantship hours (given by Cecilia Wesslén)
  - When the fellow has the 1st committee meeting: a 2 page document describing the planned research of the PhD studies, written by the PhD fellow
  - When the fellow starts the 4th year of studies: estimated remaining time until defence (given by Head of Administration)
  - An updated research plan (maximum 1 page)
  - A PDF of the last given research seminar, send by email to all committee members
- In case of disagreements between members of the committee, the PhD fellow will notify the Head of Doctoral Studies.

# Courses

- Compulsory:
  - “General circulation”, 15 ECTS
  - For PhD students with chemistry background:  
“Biogeochemical cycles”, 7.5 ECTS, and  
“Physics of the climate and general circulation”,  
7.5 ECTS. These can replace the “General  
Circulation” course.
- Not compulsory but recommended
  - Introduction to teaching (if you intend to teach)
  - Ethics seminar



# Courses (cntd)

- General courses (15 hp) – Examples:
  - Dynamic meteorology
  - Climate modelling
  - Oceanography
  - Bio-geochemistry
  - Middle atmosphere

For 2017, only dynamic meteorology will be given

See <http://www.misu.su.se/research/2.4459/phd-courses>

- Depending on background complementary courses may be needed.
- Can take courses from outside MISU (talk to supervisor)

*NB- Students finishing with licenciate one of "General Circulation", "Dynamical meteorology" or "Biogeochemical cycles" are mandatory.*

# Courses (cntd)

- In December it is decided what courses to give next year, based on needs and wishes
- Courses external to MISU (including summer courses) must be approved by 'ämnesansvarig' (presently Johan Nilsson)
- Register courses with Cecilia Wesslen ([cecilia@misu.su.se](mailto:cecilia@misu.su.se))

*Once the courses are selected the students are required to contact the course responsible.*

# Climate research school (CRS)

- Belongs to the Bert Bolin Centre  
([www.bolin.su.se](http://www.bolin.su.se))
- Gives joint courses on climate (e.g. Historical perspectives, statistics, ...)

~~• Grants money for travel~~

# Rights

- 25000 SEK from MISU for travel ([Susanne Ericsson](#))
- Money for a computer ([Jimmy Thelander](#))
- 1500 SEK per year for physical training ([Margurite Johansson](#))
- Medicine and medical care ([Anita](#))
- Prolongation of study time because of sick leave and parental leave ([Anita](#))

# Mondo site

Most important documents and forms can be found on Mondo ([mitt.su.se](http://mitt.su.se)) under 'Doktorand Info'

Extra information and useful documents (e.g. individual study plan) can be found at [www.misu.su.se/research/phd-studies](http://www.misu.su.se/research/phd-studies)



*Thanks*