

Course PM, June 26, 2015.
Revised 11 September, 2015.

DRAFT

Graduate education: Introduction to scholarship, research tools and academic cultures

October 2015 to February 2016

The course is given to newly admitted PhD students and is one of the mandatory courses of the graduate program at the Division of History of Science, Technology and Environment at KTH.

Purpose of the course

The purpose of the course is to give an introduction to PhD studies in the humanities and social science and a basic knowledge of modern university systems.

Learning outcomes

After the course the student should have attained basic knowledge and skills in:

- Searching of literature and source material.
- Formulating relevant and fruitful research questions.
- Writing PM for a PhD project.
- Writing and organizing sources and footnotes.
- Critically review, evaluate and give feedback.

The student should also be familiar with the history of science, technology and environment and nearby academic disciplines, know what is required of a doctoral thesis, have obtained reflexive understanding of doctoral studies, academic research and the university as an institution, and comprehend the formal administrative structure and regulations of KTH.

Examination

In order to pass the course the student should have attended and actively taken part in at least 80% of the seminars and presented one thesis PM at the higher seminar and held a seminar opposition of another student's PM.

Course main content

The course provides a comprehensive and reflexive introduction to graduate education and academic life. Seminars include topics as practical and formal aspects of financing and examination; experiences of former PhD students and supervisors; literature search and

publishing; academic writing and referencing; ways of writing and presenting a doctoral thesis; the academic milieu and the university as an institution; the humanities and the research system. All students will develop a thesis PM during the course and have the opportunity to receive feedback and advice.

Main Teachers

Sverker Sörlin, Professor & Peder Roberts, PhD

Additional instructors:

Mats Benner, Professor

Katarina Larsen, PhD

Tommy Westergren, Librarian

Possible invited guests

Examiner

Nina Wormbs, Lektor

Schedule

6 October 2015

Seminar 1. 09.00–12.00. *KTH, The Division and the history of science, technology and environment*. Place: Seminar room.

- Introduction of course.
- History of KTH and the division.

Readings:

Graduate education in history of science, technology and environment at KTH: Rules, guidelines and good advice. http://www.kth.se/polopoly_fs/1.353295!/Menu/general/column-content/attachment/Graduate%20Studies%20Memo%20and%20Policy%202012.pdf

General study plan for History of science, technology and environment 2012.

http://www.kth.se/polopoly_fs/1.352891!/Menu/general/column-content/attachment/Study%20Plan%20Historical%20Studies%202012.pdf

Strategy of the Division 2013-2017, available on:

<http://www.kth.se/en/abe/inst/philhist/historia/omoss>

27 October 2015

Seminar 2. 09.00–12.00. *Writing, references, publishing*. Place: Seminar room.

- Text, footnotes, references.

Readings:

Stephen J. Pyne, *Voice & Vision: A Guide to Writing History and Other Serious Nonfiction* (Cambridge, MA & London: Harvard University Press, 2009). (Selection)

Grafton, Anthony, *The Footnote: A Curious History* (London: Faber, 1997 or later editions).

Reference literature:

William Strunk, *The elements of style* (2000).
The Chicago manual of style (2010), selection.

9 November

Seminar 3. 09.00-12.00 *The PhD – what does it mean?* Place: Seminar room.

- Supervision: Experiences of students and professors.
- The Thesis: Varieties, styles, traditions

Readings:

One doctoral thesis of your own choice. To be discussed on previous meetings how to choose and what to choose from.

Stephen J. Pyne, *Voice & Vision: A Guide to Writing History and Other Serious Nonfiction* (Cambridge, MA & London: Harvard University Press, 2009). (Selection)

Estelle M. Phillips & Derek S. Pugh, *How to get a PhD: A handbook for students and their supervisors* (Maidenhead: Open University Press, 2010). (Selection)

November 24, 2015

Seminar 4. 09.00–12.00. *Libraries, archives, and academic publishing.* Place: KTHB.

Note: The seminar takes place at KTHB

- Academic publishing and KTHB resources (Tommy Westergren)
- Bibliometrics (Katarina Larsen)

Readings:

Mats Benner & Sven Widmalm, *Kunskap* (Malmö: Liber, 2011).

December 2, 2015

Seminar 5. 09.00–12.00. Seminar 5. *Academic cultures.* Place: Seminar room.

Readings:

Tony Becher, *Academic Tribes and Territories: Intellectual enquiry and the culture of disciplines* (Milton Keynes: Society for Research into Higher Education, 1989).

Sverker Sörlin, *Universiteten som drivkrafter* (Stockholm: SNS, 1996). (Selection)

Stefan Svallfors, *Kunskapens människa: Om kroppen, kollektivet och kunskapspolitiken* (Stockholm: Santérus, 2012).

Academic novel, for example by David Lodge.

Or:

Malcolm Bradbury, *The History Man* ca 1970

John Williams, *Stoner* (1965)

Helene Uri, *De beste blant oss* (Oslo: Gyldendal, 2010).

Göran Hägg, *Dr Elgcrantz, eller Faust i Boteå* (Stockholm: Wahlström & Widstrand, 1984).

Texts on campus literature and film.

Possible student project: see films and select one for all of us to watch together.

December 14, 2015

Seminar 6. 09.00–12.00. *The university and the research system.* Place: Seminar room.

Presentation of thesis plans (in the making)

Readings:

Martha C. Nussbaum, *Not for profit: Why democracy needs the humanities* (Princeton, N.J.: Princeton University Press, 2010) (Selection).

Stefan Collini, *What are universities for?* (London: Penguin Books, 2012). (Selection).

Arthur Bienenstock, Sylvia Schwaag Serger, Mats Benner and Anne Lidgard, *Combining excellence in education, research and impact: inspiration from Stanford and Berkeley and implications for Swedish universities* (2014)

Reference literature:

Anders Ekström & Sverker Sörlin, *Alltings mått: Humanistisk kunskap i framtidens samhälle* (Stockholm: Norstedts, 2012). Print-on-demand, or as e-book.

January 13, 2016

Seminar 7. 09.00-12.00 *Academic dissemination and careers.* Seminar room.

Outreach

Blogging

Accountability systems

Expectations

Funding

February 3, 2016

Seminar 8. 09.00–12.00. *PM seminar.* Place: Seminar room.

Presentations of thesis plans.

Literature

Becher, Tony, *Academic Tribes and Territories: Intellectual enquiry and the culture of disciplines* (Milton Keynes: Society for Research into Higher Education, 1989).

Benner, Mats & Sven Widmalm, *Kunskap* (Malmö: Liber, 2011). Bienenstock, Arthur, Sylvia Schwaag Serger, Mats Benner and Anne Lidgard, *Combining excellence in education, research and impact: inspiration from Stanford and Berkeley and implications for Swedish universities* (2014).

The Chicago manual of style (Chicago: The University of Chicago Press, 2010).

Collini, Stefan, *What are universities for?* (London: Penguin Books, 2012).

Doel, Ronald E. & Thomas Söderqvist, *The historiography of contemporary science, technology and medicine* (London: Routledge, 2006).

Ekström, Anders & Sverker Sörlin, *Alltings mått: Humanistisk kunskap i framtidens samhälle* (Stockholm: Norstedts, 2012).

Grafton, Anthony, *The Footnote: A Curious History* (London: Faber, 1997 or later editions).

- Nussbaum, Martha C., *Not for profit: Why democracy needs the humanities* (Princeton, N.J.: Princeton University Press, 2010)
- Phillips, Estelle M. & Derek S. Pugh, *How to get a PhD: A handbook for students and their supervisors* (Maidenhead: Open University Press, 2010).
- Pyne, Stephen J., *Voice & Vision: A Guide to Writing History and Other Serious Nonfiction* (Cambridge, MA & London: Harvard University Press, 2009).
- Strunk, William, *The elements of style* (2000).
- Svallfors, Stefan *Kunskapens människa: Om kroppen, kollektivet och kunskapspolitiken* (Stockholm: Santérus, 2012).
- Sörlin, Sverker, *Universiteten som drivkrafter* (Stockholm, SNS: 1996). (selection)

Novels by:

David Lodge

Malcolm Bradbury, *The History Man* (1975), new ed. (London: Vintage Anchor Publishing, 1994).

John Williams, *Stoner* (1965, or later editions)

Helene Uri, *De beste blant oss* (Oslo: Gyldendal, 2010).

Göran Hägg, *Dr Elgrantz, eller Faust i Boteå* (Stockholm: Wahlström & Widstrand, 1984).