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Course start: **Thursday, September 8, 2011**

Enrolment: deadline, August 15 to till Elisabeth Hallmén elisabeth.hallmen@fek.uu.se
Dept of Business Studies, Uppsala University, Box 513, 751 20 Uppsala,
(Ekonomikum), Kyrkogårdsg. 10 C, ph. 018-471 1369, fax: 018-471 6810

Aim of the course

The aim of the course is to introduce the students to science and research. The goal is that they after completing the course will have acquired knowledge about: the development of science and research, how science is organized, and the role of science in contemporary society.

Themes

The course has three main themes: 1. Historical perspectives on research, 2. The social organization of science and management as science, 3. The boundaries and conditions of science.

Teaching

The course is fulltime. Teaching is in English and consists of lectures and seminars. Attendance and active participation is required.

The teaching is concentrated to six days; a total of 26 hours. *Please note that the participants are expected to have read the literature in advance. For the last three sessions there are also video recordings that need to be watched.*

Examination

To pass the course active participation is required as well as passing the final take-home exam.

Literature

(1) Historical perspectives on science and research

The researcher in literature

Haynes, Roslyn D., 1994, *From Faust to Strangelove. Representations of the Scientist in Western Literature*, Baltimore, MD and London: The John Hopkins University Press (Paperback) (375 s.). * ([compedium, price 140 kr, available from Elisabeth Hallmén, available also as pdf](#))

Science as a revolutionary process

Kuhn, Thomas, 1996/1962, *Structure of Scientific Revolutions*, Chicago, IL: University of Chicago Press (Paperback) (220 s.). (available on http://www.bokus.com/cgi-bin/product_search.cgi?search_word=Structure+of+Scientific+Revolutions&language=&ac_used=no 99 kr, även på svenska på <http://www.adlibris.com/se/product.aspx?isbn=9172350776> 149 kr)

(2) Science as social organization and management as science

Science as social organization

Whitley, Richard, 2000/1984, *Intellectual and Social Organization of the Sciences*, Oxford: Oxford University Press (paperback). (http://www.bokus.com/cgi-bin/product_search.cgi?search_word=Intellectual+and+Social+Organization+of+the+Sciences&language=&ac_used=no 412 kr)

Management as a science

Engwall, Lars, 2009, *Mercury Meets Minerva*, Second extended edition, Stockholm: The Economic Research Institute, (362 s.) (Can be ordered from EFI, Stockholm School of Economics by email to: EFI.Publications@hhs.se skickas hem mot faktura med 3-4 dagars leveranstid)

For this session the participants are expected to view a film available at: <http://media.medfarm.uu.se/flvplayer/vagenhit/video1> (Video film 1).

(3) The boundaries and conditions of science

The boundaries of science

Gieryn, Thomas F., 1999, *Cultural Boundaries of Science. Credibility on the Line*. Chicago, IL: University of Chicago Press (Paperback) (376 s.). (Best price: http://www.bokus.com/cgi-bin/product_search.cgi?search_word=Cultural+Boundaries+of+Science.+Credibility+on+the+Line&language=&ac_used=no 230 kr)

When studying Gieryn the participants are expected to view a film available at: <http://media.medfarm.uu.se/flvplayer/kallfusion/video1> (Video film 2)

The conditions of science in contemporary society

Nowotny, Helga, Peter Scott and Michael Gibbons, 2001, *Rethinking Science. Knowledge and the Public in an Age of Uncertainty*, Cambridge: Polity Press (Paperback) (262 p.). (Best price: <http://www.bokus.com/bok/9780745626086/rethinking-science/> 180 kr)

When studying Nowotny, Scott, and Gibbons the participants are expected to view a film available at: <http://doit.medfarm.uu.se/flvplayer/forskarvillkor/video1> (Video film 3)

The course is given at the Ekonomikum, Kyrkogårdsgatan 10C, Uppsala, 1 stairs, left (rooms, see page 3) Map of Uppsala and How to find the Ekonomikum is described on page 4.

Schedule

Th 8/9	1300-1445	A156	Lecture: The researcher in literature (Haynes, 1994)
	1445-1615	A156 K312 L318 L339	Group work
	1615-1745	A156	Seminar: The researcher in literature (Haynes, 1994)
Fr 9/9	0915-1100	A156	Lecture: Science as a revolutionary process (Kuhn 1996/1962)
	1100-1300	A156 K312 L318 L339	Group work
	1300-1430	A156	Seminar: Science as a revolutionary process (Kuhn, 1996/1962)
Th 15/9	1300-1445	K320	Lecture: Science as social organisation (Whitley, 2000/1984)
	1445-1615	K320 K312 L318 L339	Group work
	1615-1745	K320	Seminar: Science as social organisation (Whitley, 2000/1984)
Fr 16/9	0915-1100	K320	Lecture: Management as a science (Engwall, 2008 och Videofilm 1)
	1100-1300	K320 K312 L318 L339	Group work
	1300-1430	K320	Seminar: Management as a science (Engwall, 2008 och Video film 1)
Th 29/9	1300-1445	K320	Lecture: The boundaries of science (Gieryn, 1999 och Video film 2)
	1445-1615	K320 K312 L318 L339	Group work
	1615-1745	K320	Seminar: The boundaries of science (Gieryn, 1999 och Video film 2)
Fr 30/9	0915-1100	K320	Lecture: The conditions of science in contemporary society (Nowotny, Scott och Gibbons, 2001 och Video film 3)
	1100-1300	K320 K312 L318 L339	Group work
	1300-1430	K320	Seminar: The conditions of science in contemporary society (Nowotny, Scott och Gibbons, 2001 och Video film 3)
	1445-1615	K320	Final discussion
Mo 10/10			Last date to submit take-home exam (by email to elisabeth.hallmen@fek.uu.se)

Rooms: (Address: Ekonomikum, Kyrkogårdsg. 10C)

A156: ground floor, left

K312 and K320: 1 stairs up, left

L319 and L339: through the A-corr. then left

Arriving by train: from the central station take bus no. 5 to Ekonomikum, Luthagsleden/Kyrkogårdsgatan or bus no. 2, starts from city/Drottninggatan, to Ekonomikum, Kyrkogårdsg/St Johannesg.

Arriving by car: from Stockholm/E4: drive to exit Uppsala S, go straight forward in the roundabout where the motorway (E4) ends. Follow the *Tycho Hedéns väg* until you reach the intersection with *Råbyvägen*. Turn left. Follow the *Råbyvägen* until you reach a roundabout (Police Headquarters on the right hand) which you follow straight through. *Råbyvägen* changes name to *Luthagsplanaden*. Follow *Luthagsplanaden*, turn left at the junction *Luthagsplanaden/ Kyrkogårdsgatan*. After 10 meters turn right to the parking lot. Special parking tickets at a discount, see below.

Parking: A parking ticket with a special parking permit can be bought at the Information/Ekonomikum (next to the restaurant Humlan, second floor), price: 20 kr/day.

Uppsala web map: <http://www.uu.se/map/map.phtml?map=2> <http://www.uu.se/map/map.phtml?map=3>

Directions: <http://fek.uu.se/download.asp?doc=forskarutbildning%2FHow+to+find+Ekonomikum.pdf>

Recommended hotels:

<http://fek.uu.se/download.asp?doc=forskarutbildning%2FRecommended+hotels.pdf>