Guidebook for ESST 2nd semester specializations:

Globalisation, innovation and policy/ NIS-specialisation (joint specialisation w/ Aalborg),

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Welcome!

Welcome to the TIK.centre, University of Oslo!

A special trait of the introductory part of this year's course is that it is being offered in part as a collaboration between the three specialisations; Globalisation, innovation and policy, Nature and culture, and National Innovations Systems. In the course this collaboration will be reflected in form of a joint program for Week 1 and Week 5, as well as a joint programme for Globalisation, innovation and policy and the National Innovations Systems specialization in weeks 1 & 5. The students following the joint (with Aalborg) NIS specialisation will receive some tasks and literature in addition to – and in some cases instead of - those listed here.

This Guidebook contains information regarding scholarly matters, i.e. the teaching schedule, literature. Practical information will be distributed separately.

Introduction to the specializations Globalisation, Innovation and Policy & the NIS-specialisation

The objective of this course is to give students a solid foundation in some main fields of the relationship between public policy, the science, technology and innovation strategies of private firms, and globalisation processes at large. The objective is in other words to investigate how globalisation processes work and influence, as well are influenced by, technology, growth and development. These issues are studied from a multidisiplinary perspective, including economics, sociology, international business studies, and political science, and the studies are based on theory, case studies, and historical evidence. Special emphasis is given to the impact from the international environment on the scope for policy making at the national level (technology policy, industrial policy etc.) and the role of organizations and institutions in this context; the nation-state, multinational firms, regional integration schemes (EU, NAFTA, etc.) and international organisations (WTO, IMF, the World Bank, etc.).

Another special trait of the course is the nature of lectures, seminars and lecturers. Note that most lectures are in addition to the lecture contents as such offered with a presentation of the lecturer and his or her research interest in mind, in view of the possibility that you will find this topic interesting and relevant for your own MA-thesis work. In other words, the process of finding a supervisor for your thesis work starts with getting acquainted with the lecturers.

Teaching schedule

Week 1: Introduction - Forces and impacts of globalization processes. Weel tutor: Terje Gronning

The purpose of lectures during this first week is to present a perspective on globalization that focuses on its various roles as a mechanism for change, the agents behind change and the social and political implications of change as well as barriers and opponents to it. Another main purpose is to discuss the role of innovation and the challenges it faces: the entrepreneurs, the institutions and the process as it relates to economic growth.

Week/Date	Hours	Room	Topic	Lecturer	Reference
2 Feb.	10.15-14	7	TIK intro The MA-thesis	Terje Gronning	http://www.tik.uio.no Hart
3 Feb.	12.15-14	7	Globalisation as a transformative process	H. Hveem	Held et al. 1999, Chs. 1-2 Lundvall & Borras, Ch. 1 See also http://www.polity.co.uk/global/
4 Feb.	10.15-12	7	Innovation, path dependency and policy	Jan Fagerberg /Svein Erik Moen/Tommy Clausen	Fagerberg, J. (2003 Fagerberg (Ottawa) Malerba (2003) Narula (ch 3)
4. Feb.	12.15-14	10	Norwegian and Finish Innovation Policies: A Comparison	Åge Mariussen , STEP	Note: participation is optional (seminar in TIK's globalization programme)
5. Feb			Reading day		
6 Feb.	10.15-12	7	Economy and culture	Sissel Myklebust	Amin & Thrift Fine

Week 2: Innovation and Innovation Policy. Week tutor: Jan Fagerberg.

Week/Date	Hours	Room	Topic	Lecturer	Reference
9 Feb.	10.15-12	7	Globalisation, innovation and ICT	P.B. Maurseth, NUPI	Fagerberg et al, Ch 5 Frank & Maurseth
10 Feb.	12.15-14	7	The role of human capital, labour quality and earnings in national systems of innovation	L. Nerdrum, NIFU	TBD
11 Feb.	13.15-15		OECD case studies on innovation systems	Gernot Hutchenreiter and Mark Knell	Note: participation is optional (seminar in TIK's globalization programme)
12 Feb.	10.15-12	7	Innovation in Norway and Europe . What survey data can tell	Svein Olav Nås, STEP	OECD OECD/Eurostat
12 Feb.	13.15-15	**9 NEW!**	The research infrastructure in Norway: Universities, institutes etc.	Gulbrandsen, NIFU	Callon Lardo
13 Feb.	10.15-12	7	Norwegian innovation support - does it work?	Tommy Clausen, TIK	TBD

Week 3: Innovation on different levels: National, sectoral and firm levels. Week tutor: Terje Grønning.

Week/Date	Hours	Room	Topic	Lecturer	Reference
16 Feb.	10.15-12	7	Globalisation and systems of innovation	Terje Grønning	Dodgson 2000 Edquist (forthcoming) Grønning et al. 2003
17 Feb.	10.15-12	TBD	Globalisation of technological activities	Terje Grønning	Narula (Ch 1)
18 Feb.			Reading day		
19 Feb.	TBD	STEP*	Visit to STEP	Johan Hauknes et al.	

19 Feb.	14-15.30	SUM **	Visit to SUM	Bente Herstad, Desmond McNeill,	
20 Feb.	14.15-16	TBD	Economic globalization and environmental protection: What is the role of multinational corporations?	Audun Ruud	Ruud 2002

* Hammersborg Terasse. The final confirmation for this event is not in yet, and will be communicated later.

****** Sognsveien 68 (T-station Ullevaal Stadium). Depending on whether the STEP visit goes as planned in the morning of the same day we will travel there together fro STEP.

Week 4: Global finance, the welfare state, abuse and Regis ulation. Week tutor: B.S. Tranoy.

Week/Date	Hours	Room	Topic	Lecturer	Reference
23 Feb.	10.15-12	7	International investments, market power and political Control - Challenges and the options.	H.Hveem	Fox 1997 Held and McGrew 2002 Ch 1 Hveem 2003
23 Feb.			BIBSYS course		
25 Feb.			Reading day		
26 Feb.			Reading day		
27. Feb.	10.15	TBD	Global finance and money-laundering control	B. S. Tranøy	Held and McGrew 2002, Chs. 6 & 9

Week 5: Joint Programme. Economic development - Cultural and historical perspectives. Week tutors: Sissel Myklebust & Terje Grønning.

Location: Tømte Gård - Farm owned by the university outside Oslo, see http://www.admin.uio.no/ia/uniforum/1998/uniforum16-98/13.htm

Week/Date	Hours	Topic	Lecturer	Reference
1 March	11.15 - 13.00 13.00 15.00-17.00	The VOC (varieties of capitalism) approach: The case of Norway Lunch MA-thesis seminar: Present one page outline of research interest and problem *	B.S. Tranøy T.Grønning S.Myklebust	Soskice Whitley
2 March	10.15-12.00 13.00-15.00	The Nordic Model of Democracy and Management Lunch/Summing up	S.Myklebust T.Grønning S.Myklebust	Byrkjeflot Myklebust

* ***Distribute the outline to the mailing list (esst-spring@tik.uio.no) preferably before 26 February.***

Week 5 (cont.): Global finance, the welfare state, abuse and regulation cont.):. Week tutor: B.S. Tranoy.

4 Mar.	10.15-12	TBD	The welfare state in an age of globalization	L. Mjøset	Mjøset, 2001
5 Mar.	10.15-12	TBD	Globalization, the welfare state and environmental policy	L. Mjøset	

After week 5: MA-thesis seminars (all specializations)

Note: These are preliminary dates. Dates subject to change after adjustments within each group.

Week/Date	Hours	Room	Topic	Lecturer	Reference
2 March	10.15-12	6	Present one page outline of research interest and problem	MA-seminar group 1: Terje Gronning	Hart
	10.15-12	6		MA-seminar group 2: Sjur Kasa	
	10.15-12	6		MA-seminar: group 3: Sissel Myklebust	
23 March	10.15-12	6	Present problem formulation, preliminary literature list and preliminary Table of Contents	MA-seminar group 1: Terje Gronning	
24 March	10.15-12	6		MA-seminar group 2: Sjur Kasa	
16 March	10.15-12	6		MA-seminar: group 3: Sissel Myklebust	
13 April	10.15-12	6	present literature review (draft) and research design (draft) (i.e. draft of Master Thesis Outline)	MA-seminar group 1: Terje Gronning	
14 April	10.15-12	6		MA-seminar group 2: Sjur Kasa	
30 March	10.15-12	6		MA-seminar: group 3: Sissel Myklebust	
11 May	10.15-12	6	Present one chapter (choose one) of thesis	MA-seminar group 1: Terje Gronning	
12 May	10.15-12	6		MA-seminar group 2: Sjur Kasa	
20 April	10.15-12	6		MA-seminar: group 3: Sissel Myklebust	
8 June	10.15-12	6		MA-seminar: group 3: Sissel Myklebust	

References

Note: The main book for both Globalisation and NIS specialisations (Lundvall & Borras) will be distributed free of charge. The other books will either have to be purchased, or borrowed at the library.

Main book Globalisation, Innovation and Policy & NIS

Lundvall, Bengt-Åke & Borras, Susana (1997). *Innovation Policy in the Globalising Learning Economy*. Brussels: European Commission, TSER Programme.

Additional main book Globalisation, Innovation and Policy

Held, David and McGrew, Anthony (eds.) (2002). *Governing Globalization: Power; Authority and Global Governance*. Cambridge: Polity. (See especially Chs. 1, 6 & 9).

Additional main book NIS

Edquist, C. (ed. (1997). *Systems of innovation: Technologies, organisations and institutions*. London: Pinter Publishers.

Articles (Globalisation, Innovation and Policy & NIS)

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Dodgson, Mark (2000). Ch. 2 in *The Management of Technological Innovation: An International and Strategic Approach*. Oxford: OUP.

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Fagerberg, J. (1995). "Convergence or Divergence? The Impact of Technology on Why Growth Rates Differ", Journal of Evolutionary Economics, Vol 5, pp. 269-84 (15 pages).

Fagerberg, J. 2003. Innovation: A Guide to the Literature, Paper to be presented at the Workshop "The Many Guises of Innovation: What we have learnt and where we are heading", Ottawa, October 23-24.2003, organized by Statistics Canada. Downloadable from: http://folk.uio.no/janf/downloadp/downloadable_papers.htm

Fagerberg, J., Guerrieri, P., Verspagen, B. (eds.), *The Economic Challenge for Europe. Adapting to Innovation Based Growth*, Edward Elgar, Cheltenham. ch. 5, p 106-129

Fine, Ben (2002). Ch. 7 in *The World of Consumption*.

Fox, E. (1997). "US and EU Competition Law: A Comparison", in Graham, E. and Richardson, D. (eds.) *Global Competition Policy*. Washington D.C.: Institute for International Economics.

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Grönning, T., Moen, S-E. and Wibe, M. D. with input from Tranböy, B.S. and Herstad, S.J. (2003). *Drivers of Globalisation and Small National systems of Innovation: Towards an Integrated Approach of Analysis*. Paper presented at the Taipei Workshop in the ESF project, November 2003.

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Held, David, Anthony G. McGrew, David Goldblatt, Jonathan Perraton (1999). Chs. 1-2 in *Global Transformations: Politics, Economics and Culture*. Cambridge: Polity.

Hveem, Helge (2003) "The Regional Project in Global Governance", in T. Shaw and F. Söderbaum (eds.) *The New Regionalism and Governance.*

Kasa, Sjur (2003) "US Trade Policy Power and Sustainable Consumption: Beef and Cars in North East Asia", *Journal of Consumer Policy*, Vol. 25, No 1.

Mjøset L. and S. Kasa (1994). «Environmental problems and techno-economic paradigms.A contribution to the history of environmental problems», in Robert Delorme & Kurt Dopfer, editors, *The Political Economy of Diversity*, [Selected

Proceedings from the European Association for Evolutionary Political Economy 1992 Conference] Aldershot: Edward Elgar.

Larédo, Philippe (2003). "Six Major Challenges Facing Public Intervention in Higher Education," *Science, Technology and Innovation, Science and Public Policy*, Volume 30, Number 1, February 2003, 4-12.

Lundvall, B.-A. 1988. Innovation as an interactive process: From user-producer interaction to the national system of innovation. In *Technical change and economic theory*, edited by G. Dosi, C. Freeman, R. Nelson, G. Silverberg and L. Soete. London: Pinter Publishers.

Malerba, Franco: Sectoral systems: How and why innovation differs across sectors, Downloadable from: http://tikpc51.uio.no/teari/r6.htm

Mjøset, L. (2001) " Employment, unemployment and ageing in the West European welfare states", in Pascal Petit and Luc Soete (eds.) *Technology and the Future of European Employment.* Cheltenham: Edward Elgar, pp. 451-506.

Myklebust, Sissel (2001): "The Politics of Organisation and Management", Byrkejflot et.al (eds.) *The Democratic Challenge to Capitalism*: 341-369.

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OECD/Eurostat: Oslo Manual. Proposed guidelines for collecting and interpreting technological innovation data. OECD, Paris, 1997. Chapter 1: Objectives and scope of the manual (pp 13-25) and Chapter 2: Needs for the measurement of innovation (pp 27-45). (www.oecd.org)

Ruud, Audun (2002). "Environmental Management at Indian Subsidiaries of OECD based TNCs", Ch. 8 in Hansen, M. (ed.) *Managing the Environment Across Border. A Study of TNC affiliates environmental practices in China, Malaysia and India.* Copenhagen: Samfundslitteratur.

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