Economic statistics

a course in
Survey Methodology and Official Statistics

Statistiska institutionen
Stockholms universitet

August 2010

What this course is about

The course consists of three parts (approximately 10 lectures each, 1 lecture=45 minutes)

1. A short introduction to Sampling and Time series.
   Lecturer: Professor Daniel Thorburn, SU

2. A short introduction to index theory.
   Lecturer: PhD Martin Ribe, SCB

3. A short introduction to national accounts - a statistical view.
   Lecturer: Senior Advisor Birgitta Magnusson-Wärmark and colleagues, SCB

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Literature

1. In sampling and time series: lecture notes
2. In index theory: Chapters 1, 2, 3, 10, 15, 16 and 17. A more detailed list will be handed out at the first lecture

    Consumer Price Index Manual: Theory and Practice

    For helpful explanations, use

    Practical Guide to Producing Consumer Price Indices

3. In national accounts: Chapters 1-5, 10-11 in

    Understanding national accounts.

    and lecture notes in seasonal adjustment. To buy the book for ≈ 250 SEK

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Examination

There are two exams during the course and one reexam in January. The exams are in English. Answers in either svenska or English.

First exam is Tuesday, October 5: 5 tasks in Sampling, Time series and Index. 3 hours

Second exam is Tuesday, November 2: 5 tasks in National accounts and Time series. 3 hours

Reexam is xxxday, January yy: 10 tasks in Sampling, Time series, Index and National accounts. 5 hours.

Each task give at most 10 credits and hence a maximum of 100 credits is possible.

Course must be finished autumn term 2010. Next available examination time is next time the course is given.

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The tasks

Sampling and time series: The exam will consist of 2 questions.

Index theory: The exam will consist of 3 questions.

National accounts: There is, in each chapter, a set of exercises and there solutions may be found at

http://www.sourceoecd.org/understandingnationalaccounts

The exam consists of 4 of these exercises plus 1 in seasonal adjustment.

The reexam consists of 2+3+4+1 exercises. You need do only that part you previously did not pass. That is: either 2+3 or 4+1 or 2+3+4+1.

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Final grade

Final grading is according to the following table

Betyg		Poäng
A	Excellent	$90 - 100$
B	Very good	$80 - 89$
C	Good	$70 - 79$
D	Satisfactory	$60 - 69$
E	Adequate	$50 - 59$
Fx	Insufficient	$30 - 49$
F	Fail	≤ 29

Examiner and coordinator: Mikael Möller

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