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| **su_logo** |  STOCKHOLMS UNIVERSITET Department of Statistics Dan Hedlin Autumn semester 2012 (updated 2012-10-30) |

**Statistical Methods (Parts 1 and 2), 15 ECTS. (Statistiska metoder, AN, 15 hp)**

## Course description for Part 1 (previously referred to as Block 1), 7,5 ECTS.

**Literature**

* Hansson, S.O. (2007). The Art of doing science. Department of Philosophy and the History of Technology, Royal College of Stockholm. Chapters 1, 3, 5-8. Will be made available by the lecturer (=Dan); however the original Swedish version, “Konsten att vara vetenskaplig”, can be found here: <http://home.abe.kth.se/~soh/downloads.htm>.
* Biemer, P.P. (2011). Latent class analysis for survey error. Wiley. Chapters 2-4 and also Chapter 5 if time permits.
* Freedman, D.A. (2009). Statistical models. Theory and Practice. 2nd Ed. Cambridge University Press. Chapter 1, part of Ch 4, Ch 5, part of Ch 6 + some of the articles reprinted in the book. Chapter 8 if time permits.
* Additional articles.

**Assessment and grading criteria**

Part 1 is assessed through course work (one or several).

The maximal total credit is 100 points. Grades are given on a seven-point rating scale:

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| A. Excellent  | 90-100 points |
| B. Very good  | 80-89 points |
| C. Good  | 70-79 points |
| D. Satisfactory  | 60-69 points |
| E. Pass | 50-59 points |
| Fx. Inadequate  | 40-49 points |
| F. Completely inadequate  | Anything less than 40 |

To pass Part 1 a minimum grade of E is required.

All the credit points from the assignments need to be achieved at this period of teaching (semester).

Students not passing the course during the present semester, are requested to contact the

course coordinator at the beginning of the course (the next time the course will be given) for information about the current rules for examination (they must make all the assignments again at that time).

No credit points from the assignments achieved at this semester can be transferred to the next time the course will be given.

**Final grade for the complete course Statistical Methods (Parts 1 and 2), 15 ECTS. (Statistiska metoder, AN, 15 hp):**

#### Grades for Part 1 and Part 2 Final grade for the complete course

#### (independent of order)

A + A , A + B A

A + C, B + B, B + C B

A + D, A + E, B + D, B + E, C + C, C + D C

C + E, D + D, D + E D

E + E E

To pass the complete course a minimum grade of E on each of Part 1 and Part 2 is required.

**Course coordinators and examiners:**

Part 1: Dan Hedlin, office B795, tel. 08-162975

Part 2: Raul Cano, office B742, tel. 08-162977.

The course description for **Statistical Methods Part 2, 7.5 ECTS**, is given in another document.