



Course syllabus

Faculty of Social Sciences

Department of Social Studies

4SO451 Social nätverksanalys, 7,5 högskolepoäng

4SO451 Social Network Analysis, 7.5 credits

Main field of study

Sociology

Subject Group

Sociology

Level of classification

Second Level

Progression

A1F

Date of Ratification

Approved 2017-01-25

Revised 2019-05-23 by Faculty of Social Sciences.

The course syllabus is valid from autumn semester 2019

Prerequisites

4XA100 Methods in Social Science, 15 credits or 4XA101 Qualitative Methods in Social Science, 7,5 credits and 4XA110 Quantitative methods in Social Science, 7,5 credits.

Objectives

The goal of the course is to introduce social network analysis methods. The student has the opportunity to learn the basic concepts of social network analysis and to apply them to empirical data. After completing the course students will:- develop a general overview of the logic of social network analysis- be able to critically discuss the results of research based on social network analysis;- be able to situate social network analysis within the larger perspective of the social sciences.

Content

The course will primarily focus on the collection, recoding and analysis of network data. A significant part of the course will be devoted to the tools and concept needed to analyse networks in practice. These include:- the logical and methodological aspects of networks and graphs- how to empirically collect network data- basic network indicators- clustering

Type of Instruction

Lectures, practical seminars and a final individual assignment.

Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that results in a Pass. The grade F means that the student's performance is assessed as Fail (i.e. received the grade F). Fx is not a grade and is only used when a student is allowed to complement her/his examination.

To pass (E) requires that the course objectives are achieved.

The goals of the course are examined through an individually written assignment.

Course Evaluation

After the course is completed, an evaluation is carried out and compiled in a report which is archived at the faculty. The results are communicated to the students and possible measures taken are communicated by the course coordinator and presented to the students the next time the course is given.

Required Reading and Additional Study Material

Barabási, Albert-Lászlo (latest edition). *Linked: The New Science of Networks*. London: Hachette UK (304 p.).

Christakis, Nicholas A. & Fowler, James H. (latest edition). *Connected: The Surprising Power of Our Social Networks and How They Shape Our Lives...* New York: Back Bay Books (368 p.).

Luke D.A. (2015) *A User's Guide to Network Analysis in R*. Heidelberg: Springer.