

## Spain Social Networks Course Proposal

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This course will be an in-depth introduction to social network analysis (SNA). It is designed for Masters, PhD students and faculty in the social sciences and assumes no prior knowledge of social network concepts and methods.

Often we realize that social networks are important in the social settings we are studying, but we are not sure how to collect data on them, measure their properties, and model their effects and/or dynamics. This course is designed to help researchers who want to incorporate social network analysis (SNA) into their research. It is designed for Masters, PhD students and faculty in the social sciences and assumes no prior knowledge of social network concepts and methods.

The course will be taught with 4 3-hour sessions. The first two sessions will be devoted to presenting the basic concepts, methods, and uses of SNA. The last two sessions will focus on cutting-edge models and methods, including discussions of computational social science and our ongoing research in the NetSense and NetHealth Projects.

One of the objectives of the course is to increase people's ability to use SNA in their research. Therefore this course will spend half a session on discussing participant's research projects and how they have or could incorporate SNA into their research projects.

The course will introduce participants to the wide variety of statistical software for analyzing networks but will not teach students how to do analyses.