The UCSC Center for Statistical Analysis in the Social Sciences offers this two session seminar on SAS. It is intended to provide participants with a sufficient overview and understanding of SAS basics to begin writing programs on their own.

Professor Fligner will discuss how to import, modify, and merge datasets with SAS. Basic programming in SAS will be covered, including how to use functions and conditional logic in the DATA step (no prior programming experience required!). Also, an introduction to some SAS procedures for data summary and basic statistical methods will be given.

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Information for the first lecture is available at http://csass.ucsc.edu/self-study%20courses/intro-sas.html

- **Nov 13:** Use of SAS for data management, presentation and analysis. Overview of program syntax, use of the SET, SORT, BY and WHERE statements. ODS graphics, PRINT and MEANS procedures, the output delivery system. Beginning computations and functions in SAS and conditional logic in the DATA step (no prior programming experience required!). Also, an introduction to some SAS procedures for data summary and basic statistical methods will be given.

- **Nov 20:** Continuation of computations and functions in SAS and conditional logic. Displaying data with the REPORT and BOXPLOT procedures. Common syntax for TTEST, ANOVA and GLM procedures. Managing and storing SAS data sets, merging and transposing data sets, system and user formats, importing data into SAS from common data base management systems, linking to Excel and Access, and SQL.