

List of research methods courses currently offered at McGill potentially of interest to SIS Ph.D. students

List prepared by Catherine Guastavino, September 2019.

Course on qualitative research methods

FMED690: Advanced Ethnography: Context, Complexity & Coordination

Family Medicine : Addressing the rationale and assumptions of ethnography, including the practices, processes and strategies to set up, conduct, analyze, write up and provide feedback to participants. This exploration will come from a project based on deep and immersed observation in order to develop an understanding of shared meaning systems (i.e., culture).

SOCI 600 Qualitative Research Methods 1 (3 credits)

Sociology (Arts) : Overview of qualitative research design and modes of data collection, particularly observation, interviewing and focus groups. Students are required to design and undertake their own qualitative research project. Introduction to computerized tools for qualitative data management, transcription and analysis.

SOCI 601 Qualitative Research Methods 2 (3 credits)

Sociology (Arts) : Qualitative data interpretation and analysis. Coding, identifying themes and memo-writing. Students conclude their qualitative research project, writing up findings in the form of a publishable-quality paper.

687 Qualitative Methods in Educational Psychology (3 credits)

Ed Psych & Couns (Psychology) : The logics of design and selection of phenomenology, grounded theory, ethnography, case study and mixed design methods with emphasis on data analysis in light of issues of research purpose, epistemology, reliability and validity.

PSYT 625 Qualitative Research in Health Care (3 credits)

Psychiatry : Discussion and practice of qualitative methodologies for conducting rigorous and reflective qualitative research projects in health care sector including ethnographic fieldwork and community interviews.

Courses on Mixed Methods

FMED 614 Foundations of Mixed Methods Research (1 credit)

Family Medicine : Basic training in how to conduct mixed methods research and the most common types of mixed methods research designs

FMED 600 Mixed Studies Reviews (1 credit)

Family Medicine : Literature reviews of qualitative, quantitative and mixed-methods

studies (epistemological issues, evaluation/research questions, identification of publications, selection of relevant studies, appraisal of methodological quality and synthesis of results).

Courses on quantitative research methods (including 500-level courses)

EDPE 676 (Intermediate Statistics)

Ed Psych & Couns (Psychology) : Analysis of variance, fixed, random and mixed effects, crossed and nested designs; regression models. Computer data processing using existing packages.

EDPE 575 (Statistics for Practitioners)

Ed Psych & Couns (Psychology) : Understanding and interpreting basic statistical procedures used in basic and applied research, including graphs, measures of central tendency and variability, hypothesis testing, and correlations, t-tests, and basic ANOVA designs.

PSYC 650 Advanced Statistics 1 (3 credits)

Psychology : A course in advanced statistics with specialization in experimental design.

SOCI 504 Quantitative Methods 1 (3 credits)

Sociology (Arts) : Analysis of quantitative information, especially in large, survey-type, data sets. Use of computer programs such as SPSS and SAS. Topics include: cross tabulations with an emphasis on multi-dimensional tables, multiple correlation and regression, and, the relationship between individual and aggregate level statistical analyses. Special reference to demographic techniques.

PSYC 536 Correlational Techniques (3 credits)

Psychology : The statistical analysis of relations among a number of variables in situations common in psychology, ecology, and other fields. Methods include regression analysis, principal components analysis, and other techniques for modelling the structure of correlation matrices.