46-508 Data Analysis
Learning Outcomes
Last Updated: June 10, 2010
(PDC080311-6.6)

Cross-listed with Social Work 48-508

Learning Outcomes At the end of this course, the successful student will know and be able to:	Characteristics of a University of Windsor Graduate A U of Windsor graduate will have the ability to demonstrate:
A. Draw on an up-to-date awareness of data gathering methods and questionnaire construction, and apply any of a wide variety of data analytic methods.	A. the acquisition, application and integration of knowledge
B. Gather survey data, and choose among and apply a range of data analytic strategies.	B. research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)
C. Assess what data will be helpful to understand an issue, and how to gather and analyze it.	C. critical thinking and problem-solving skills
D. Choose among and apply many data analytic strategies and procedures. Read a wide range of published social science literature.	D. literacy and numeracy skills
E. Assess potential policy relevance of data analyses. Develop enhanced awareness of ethical issues in data gathering.	E. responsible behaviour to self, others and society
F. Communicate hypotheses to, and write reports for others from different disciplines and non-specialists.	F. interpersonal and communications skills
G. Develop and conduct projects in teams.	G. teamwork, and personal and group leadership skills
H. Design data gathering and analytic strategies to meet the information needs of specific situations.	H. creativity and aesthetic appreciation
I. Demonstrate an awareness of the sheer range of data analytic possibilities, and of their continuing development, hence of the need for ongoing learning.	I. the ability and desire for continuous learning