

School of Health Studies
Western University

Health Sciences 2801a
Research Methods in Health Sciences
Fall 2012

1. *Course Information*

This course is a case-based introduction to the methods used in health sciences research. Although formulas are given and calculations are presented, the principal orientation of the course is conceptual rather than mathematical. Your grade in this course is based on two assignments and a final exam.

Classes – 2 hours

Fridays, 9:30 to 11:30, SSC 2050

Labs – 1 hour

Some Wednesdays (listed in Course Schedule section), 11:30 to 12:30, SSC 2050

8. *Scholastic Offences*

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: http://www.uwo.ca/univsec/handbook/appeals/scholastic_discipline_undergrad.pdf .

9. *Support Services*

There are various support services available on campus; these include the Student Development Centre (<http://www.sdc.uwo.ca/ssd/>), Student Health Services (<http://www.shs.uwo.ca/student/studenthealthservices.html>), the Office of the Registrar (<http://www.registrar.uwo.ca/>), and the Office of the Ombudsperson (<http://www.uwo.ca/ombuds/>).

10. *Course Schedule*

!	Class	Date	Class Topic
	1	F, Sept 7	Course Overview.
	2	F, Sept 14	<i>Measurement</i> ,
!	!	!	Reading 1, Cases 1 to 4.
	3	F, Sept 21	<i>Scores & Distances</i> ,
			Readings 2 & 3, Exercises, Cases 5 & 6.
	4	F, Sept 28	<i>Correlation</i> ,
!	!	!	! Reading 4, Exercises, Case 7.
			Assignment One Posted.
	5	F, Oct 5	Assignment One Due.
	6	F, Oct 12	<i>Measurement Error</i> ,
!	!	!	! Reading 5, Exercises, Cases 8 & 9.
		W, Oct 17	Assignment One Returned.
	7	F, Oct 19	<i>Measurement Error</i> (continued),
			Reading 5, Exercises, Cases 8 & 9.
			Assignment Two Posted.
	8	F, Oct 26	<i>Gathering Evidence & Thematic Analysis</i> ,
			Readings 6 & 7, Case 10.
			Assignment Two Due.
	9	F, Nov 2	<i>Thematic Analysis</i> (continued) & <i>Repertory Grid</i> ,
			Reading 8, Cases 11 to 14).
		W, Nov 7	Assignment Two Returned.
	10	F, Nov 9	<i>What is this Activity Called Science?</i> ,
!	!	!	! Reading 9, Cases 15 to 27.
	11	F, Nov 16	<i>What is this Activity Called Science?</i> (continued),
!	!	!	!