

Istituto Lorenzo de' Medici

2019 Summer Program

RSMT 300 Introduction to Research Method

Course Outline

Term: June 17-July 19, 2019

Class Hours: 10:00 - 11:50 (Monday through Friday)

Course Code: RSMT 300

Instructor: Debolina Ghosh

Office Hours: TBA

Email: debolinagho@gmail.com

Credit: 4

Class Hours: This course will have 72 class hours, including 40 lecture hours, professor 10 office hours, 10-hour TA discussion sessions, 2-hour review sessions, 10-hour extra classes.

This course will provide an opportunity for participants to establish or advance their understanding of research through critical exploration of research language, ethics, and approaches. The course introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. Participants will use these theoretical underpinnings to begin to critically review literature relevant to their field or interests and determine how research findings are useful in forming their understanding of their work, social, local and global environment.

Objective of the Course

Prerequisites

- Understand research terminology
- Be aware of the ethical principles of research, ethical challenges and approval processes
- Describe quantitative, qualitative and mixed methods approaches to research
- Identify the components of a literature review process
- Critically analyze published research

Course Outline

Week 1 (Foundation)

- Monday: Introduction to Research and the Research Process
- Tuesday: Research Ethics and Integrity
- Wednesday: Critical appraisal
- Thursday: Critical appraisal continued
- Friday: Quiz 1

Week 2 (Quantitative Research)

- Monday: Introduction to Quantitative Research, Study Designs and Methods
- Tuesday: Analysis and Interpretation of Quantitative Data
- Wednesday: Critical Appraisal of Quantitative Research
- Thursday: Critical Appraisal of Quantitative Research
- Friday: Quiz 2

Week 3: Qualitative Research

- Monday: Introduction to Qualitative Research, Study Designs and Methods
- Tuesday: Analysis and Interpretation of Qualitative Data
- Wednesday: Critical Appraisal of Qualitative Research
- Thursday: Critical Appraisal of Qualitative Research
- Friday: Quiz 3

Week 4: Mixed Methods Research

- Monday: Introduction to Mixed Methods Research, Study Designs and Methods
- Tuesday: Analysis and Interpretation of Mixed Methods Data
- Wednesday: Critical Appraisal of Mixed Methods Research
- Thursday: Critical Appraisal of Mixed Methods Research
- Friday: Quiz 4

Week 5

- Monday: Surveys
- Tuesday: Surveys
- Wednesday: Grounded Theory Research
- Thursday: Phenomenological Research
- Final Exam

Course Duration

Textbook

Required Text and Materials

1. Creswell, J. W. *Research design: Qualitative, quantitative and mixed methods approaches*. 5th Ed. Thousand Oaks, CA: Sage, 2018.
ISBN: 978-1-5063-8670-6

Older editions of the text are **not** recommended.

2. TRU Library. *APA Citation Style - Quick Guide*. 6th edition. 2011.

Type: Online Guide

Retrieved from https://tru.ca/__shared/assets/apastyle31967.pdf

Optional Materials

Students are recommended to have access to a print copy of a dictionary of epidemiology, research or statistics or an online glossary. A highly recommended dictionary is: Porta, M. (2014). *A dictionary of epidemiology* (6th ed). New York, NY: Oxford University Press.

The course also makes reference to a variety of online resources and journals.

Open Learning Faculty Member Assessments

Grading

Quiz 1	10%
Discussion 1	5%
Quiz 2	10%
Discussion 2	5%
Quiz 3	10%
Discussion 3	5%
Quiz 4	10%
Discussion 74	5%
Final Exam*	40%

Total	100%
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