

<p>Course Name: HLTH 252/3.0</p> <p>Introduction to Research Methods</p>	<p>Course Instructor: Dr. Amy Latimer-Cheung</p>	<p>Contact Hours: Lectures: 1 x 1.5 hrs/wk / 12 weeks</p> <p>Prerequisites: Level 2 or above and registration in a KINE or HLTH plan.</p> <p>Corequisite: 3.0 units from STAT 263/3.0; STAT 267/3.0; STAT 367/3.0; COMM 162/3.0; ECON 250/3.0; PSYC 202/3.0; SOCY 211/3.0; BIOL 243/3.0; CHEE 209/3.0; GPHY 247/3.0; KNPE 251/3.0; POLS 285/3.0; NURS 323/3.0, STAM 200/3.0</p> <p>Exclusion: BMED 270/3.0 May not be taken with or after PSYC 203/3.0 BMED 270/3.0 may not substitute for HLTH 252/3.0 in HLTH or KIN degree plans.</p>
<p>Course Description:</p> <p>This course introduces methods, techniques, and approaches to research in kinesiology and health studies. The course will explore the formulation of research questions, experimental design, interpretation of results, and the use of statistical analysis in experimental research. Ethical issues in research will also be discussed.</p>		<p>Course Texts (Recommended):</p> <p>Basil and Zabkiewicz (2014). Health Research Methods: A Canadian Perspective. Oxford University Press.</p> <p>Creswell and Creswell (2018). Research Design - Qualitative, Quantitative, and Mixed Methods Approaches. SAGE Publications.</p> <p>All course notes, readings, or other required material will be available on the HLTH 252 OnQ page</p>
<p>Learning Outcomes:</p> <ol style="list-style-type: none"> 1. Evaluate research articles from the different types of research occurring within the SKHS and the research methods associated with each. 2. Describe the founding principles and development of quantitative and qualitative research traditions to inform an appreciation of the multiple ways of researching health. 3. Describe the philosophical and practical limitations associated with "knowing" in quantitative and qualitative research to develop a healthy skepticism of the research process and research methodologies/tools. 		<p>Course Evaluation:</p> <p>TBD</p>

<p>4. Recognize different components of a problem statement and identify linkages between problem statements and study objectives, hypotheses and study design, and assess the importance of the problem statement within the quantitative and qualitative research processes.</p> <p>5. Recognize the structure of a research paper introduction, develop an outline for an introduction starting from a problem statement, and practice writing an introduction concisely and effectively.</p>	
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Course Outline

Why Do People Research?	Introduction to Quantitative Research, Study Designs, and Methods
Activity: What We Do in SKHS	Analysis and Interpretation of Quantitative Data
Research Approaches	Critical Appraisal of Quantitative Research
Research Paradigms	Introduction to Qualitative Research, Study Designs, and Methods
Activity: Why and What Do You Want to Engage in Research Activities?	Activity: Synthesizing a Quantitative Research Paper
Introduction Assignments How to Approach Research Assignments	Analysis and Interpretation of Qualitative Data
Introduction to a Research Process (Research Topic/Idea, Types of Research, Literature Searches, Creating a Bibliography)	Critical Appraisal of Qualitative Research
Activity: How to Review for Literature in Your Topic Area?	Activity: Synthesizing a Qualitative Research Paper
"How to Read a Research Paper" by Rowan Dunton	Other Methods (e.g., mixed methods, community-based research)
Activity: Practice Reading a Research Paper (Bader college class visit)	Finalizing and Communicating Research
Overview of Research Methods	Activity: Synthesizing a Mixed-methods Research Paper
Activity: How to Choose Appropriate Research Methods?	Course Review