

<p>Course Name: HLTH 352/3.0</p> <p>Research Skills Development Practicum</p> <p>Recommended for students who hope to complete HLTH 595/6.0</p>	<p>Course Instructors:</p> <p>Mr. Robert Watering Course Coordinator</p>	<p>Contact Hours:</p> <p>Students complete minimum of 80 hours of research experience and attend seminars throughout the school year. The make-up of this requirement is to be agreed upon by both the student and the supervising professor at the start of the school year.</p>
		<p>Prerequisite:</p> <p>KNPE 251/3.0 and Level 3 or above in a HLTH plan and Permission of the Course Coordinator or the Department Manager and Undergraduate Chair in the School of Kinesiology and Health Studies.</p> <p>Corequisite:</p> <p>HLTH 252/3.0</p>
		<p>Exclusion:</p> <p>KNPE 352/3.0</p>
<p>Course Description:</p> <p>This Research Skills-Development Practicum course is designed to provide a research-based experience (approximately 80 hours) for students in Kinesiology or Health Studies interested in working in the research labs and on research projects of SKHS faculty members. In addition to hands-on work in the research environment, the course will include a seminar series covering research topics and methods typically used in Health Studies and Kinesiology research. Seminar presentations will include topics from many of the following areas:</p> <ul style="list-style-type: none"> • Physiology of Exercise • Biomechanics and Ergonomics • Epidemiology • Health Promotion • Psychology of Sport • Physical Activity, Disability and Health • Sociocultural Studies of Sport, Health and the Body • Physical Activity and Health • Nutrition 		<p>Course Texts:</p> <p>N/A</p>

Learning Outcomes:

The goal of this course is to expose third-year SKHS students to the research process. This will include practical experience in a specific research lab or with a specific research project, but also exposure of students to a wide range of research topics that fall under the umbrella of Kinesiology and Health Studies. Specifically, students will be exposed to the following:

- Discuss multidisciplinary research methodologies used in SKHS research labs/programs.
- Practice various aspects of the research process including data collection/analysis, literature searches, manuscript writing, presentation skills, etc. through a research development practicum in an SKHS research lab/program.
- Apply effective written and oral/visual communication skills
- Model ethical behaviour consistent with the responsible conduct of research and professional practice

Evaluation:

Seminar Attendance and Internship Placement	30%
Research Report	35%
Reflection Essay	10%
Final Presentation	25%

Seminar Series Attendance and 80 Hour Research Experience**80 Hour Research Experience**

Students are required to complete a minimum of 80 hours of research experience. The make-up of this requirement is to be agreed upon by both the student and the supervising professor at the start of the school year. Students will be expected to report on this arrangement during the first month of the course.

Attendance for both faculty and student seminar presentations is a mandatory component of this course.

Most seminars will be led by professors who are supervising KNPE/HLTH 352 students where they will expose students to the wide range of research questions and research methods being explored within the School of Kinesiology and Health Studies. Some professors will detail the research questions they are asking, why they feel these questions are important, and the methodology they are using in an attempt to answer the questions being asked. Others may discuss current topics and views regarding research in general, or career pathways and potential future options for students engaging in research activities.

During other seminars, students will have the opportunity to talk about their own research, including providing an overview of their research goals, theoretical hypotheses, frustrations/successes or related literature on their chosen field of research.

Final Presentation:

Each student's presentation will be 12-15 minutes in length with approximately five minutes allocated for questions and discussion. All final presentations will be marked by your advisor and another professor from within the School of Kinesiology and Health Studies.

Presentation Outline:

- Outline research studies that students were involved with/contributed to. Include information on study/research purpose and hypothesis of projects they were involved in;
- Discuss methodologies utilized in their labs;
- Overview of results;
- Finish with a summary of what they learned during the research internship position;