

HMST4925 – Honours Research Project

Information for Supervisors

In this course the students are required to undertake an individual research project in the area of Human Movement Studies. This ensures that all students gain an understanding of the research process. It also gives the students an opportunity to reflect on if they would like to go on to further higher degree research opportunities and provides the necessary opportunity, subject for high honours class. The work for the project including written components should take between 120 and 150 hours. This may be divided into time collecting or analysing data (whether this be experimental or literature based) and also time for writing the report. The size of the report will therefore depend on the time taken to write the report, with some projects having a greater practical component. The exact plan for the project is to be discussed in consultation with the supervisor and implemented in the study plan, which is the first piece of assessment for this course. It is possible for students to undertake individual research projects under the direction and guidance of individuals who are not academic staff members of the school of HMNS. In these situations, there must still be an academic staff member of the school to take a supervisor responsibility, however, the majority of the mentoring may be carried out by other approved individuals (e.g. post graduate research students, Sport Scientists from the QAS).

Project

Projects suitable for the course include literature reviews (systematic, narrative and scoping), analyses of secondary data and original data collection. The requirement for the project is that:

- The project must be feasible in terms of complexity and the length of the study – one semester 4-5 months and shorter during Summer Semester.
- The project provides genuine skill development opportunities for the student.
- Supervisors or research team have the capacity to facilitate analyses required for the project.
- The necessary equipment and resources for the project are available.
- Ethics approval has been received or is likely have a quick turnaround (e.g. low and negligible risk) and is possible within the timeline of the project.
- The student is able to demonstrate that they can achieve at least three standards applicable to their eventual profession.

Professional standards note: Students are required to identify at least three standards for the profession that they will be entering. These come under the headings of Sports Science, Exercise Science and Exercise Physiology. Under each set of standards there are specific ones and there are some that are suitable to a broader health research setting such as

under Exercise Physiology: 1.2.5 Practise in a culturally safe, inclusive, sensitive, respectful, and responsive way and according to person-centred care principles. 1.2.7 Develop reflective practices through self-reflection, seeking and engaging with feedback from colleagues and clients, critically evaluating service delivery and outcomes, and engaging in ongoing learning. 2.2.2 Examine principles of biopsychosocial care, value-based care, person-centred care and social and cultural determinants of health and apply this to promote health and well-being for individual clients and population groups. 3.2.8 Choose and use relevant technology and equipment efficiently, effectively, and safely.

In initial discussions with the student, there should be thought given to whether the project can allow the student to demonstrate a number of the standards. If there is doubt about how three standards can be met, please contact the course co-ordinator.

Responsibilities of the Principal Supervisor

- assist the student to develop a research proposal that is feasible within the structure of the semester;
- discuss mutual expectations and obligations with the student at the commencement of the research;
- meet with the student (virtual or in person, individually or as a group) at mutually agreed intervals throughout the project;
- provide timely and constructive feedback to the student;
- ensure that ethics approvals are obtained in a timely manner and intellectual property arrangements are secured before the research starts;
- ensure that the student is made aware of, and given instruction in safety procedures appropriate to the field of study;
- mark the project report;
- identify and contact to obtain approval of a second suitable Examiner for the project report (should not be part of the supervisory team);
- advise the Course Coordinators of any serious concerns or impediments to the student's progress;
- reach agreement with the student regarding authorship of any publication, presentation or research output that results from the honours research.

Responsibilities of the Associate Supervisor

- provide expertise in support of the student's research project;
- maintain regular communication with the student;
- assume the role of the principal supervisor during their brief absences.

Responsibilities of the Student

- discuss needs and expectations with supervisor throughout the program;
- establish agreed methods of working and timing of meeting with supervisor;
- maintain progress in accordance with the timeline negotiated with supervisor;
- receive direction, advice and criticism of supervisor in good faith;
- take responsibility for organising meetings;
- discuss any difficulties and problems with supervisor in a timely manner, and share responsibility for seeking solutions;
- complete all the requirements/assessments for the course;
- be familiar and comply with requirements relating to ethical conduct, intellectual property, authorship, safety and the location and storage of data.

Assessment pieces

Research Proposal and study Plan: 15% due Week 4

Professional Standards Mapping: Hurdle due Week 4

Research Presentation (3MT format): 15% Due Week 13

Research Report: 70% Due first week Exam period

Note: If supervisors would like to be added to Blackboard to look at assessment task sheets and resources, please contact student admin at HMNS.