



INSTRUCTIONS TO STUDENT:

School of Kinesiology  
Faculty of Health Sciences  
Western University

SENIOR RESEARCH PROJECT  
Kinesiology 4490E

Course Description

Independent research project in Kinesiology involving presentation of proposal, collection and analysis of data, presentation of results, and final written report as a scholarly paper.

Course Summary

1. The goal of this course is to provide a student with the opportunity to conduct a research project under the supervision of a Kinesiology faculty member. Projects may cover a variety of designs and topics including, but not limited to, program design, experimental design, historical reviews, analysis of current sport/physical activity/health topics, health promotion, and empirical research involving human subjects.
2. While the form and format of the project is to be determined by the supervisor and the student, empirical research should include the development of the research question(s), the design of the study, completion of ethics and development of the human participants (where necessary), participant recruitment and data collection, analysis, and completion of the final report.
3. KIN4490E is not an opportunity to gain credit for volunteer work in a research/teaching lab.
4. KIN4490E project must be supervised by a Kinesiology faculty member. The following Faculty members are eligible to accept students (Note: Faculty members may choose not to accept students in any given year):

Sociocultural area:

Dr. K. Danylchuk

Dr. M. Heine

Dr. H. Prapavessis

Dr. A. Doherty

Dr. D. Howe

Dr. A. Schneider

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Dr. K. Shoemaker    Dr. J. Dickey  
Dr. M. Mitchell     Dr. D. Keir  
Dr. D. Humphreys

Dr. J. Melling  
Dr. D. Pamukoff

5. Projects are restricted to

1. Develop independent and/or collaborative research skills in a specific area of Kinesiology where the project includes literature review; experimental design; collection, analysis and interpretation of collected data and oral and written communication of scientific information in the form of seminar presentations and research reports, respectively
2. Critically review and synthesize scholarly literature in the area to identify knowledge gaps for further exploration.
3. Perform the experimental procedures and operate the scientific equipment relevant to the research project.
4. Understand and explain, in more detail, the specific theoretical positioning relevant to the research area.
5. Determine an appropriate approach for examining the research question identified in conjunction with supervisor.
6. Organize and communicate research findings via oral presentations and written report.

#### Course Format

and format.

Final research paper (due April TBD)

50%

Supervisor or other faculty

Notes:

1. A similar project cannot be completed as part of an independent study
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2. reference  
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## 11. Student Code of Conduct

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at Western University, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed and set out the disciplinary procedures that the University will follow. For more information, visit <https://www.uwo.ca/univsec/pdf/board/code.pdf>