Carroll University
EXP 608: Thesis
Course Syllabus
Spring 2017

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Office Hours: TBD
Locations and Time: TBD

Instructor: Tim Suchomel, PhD, CSCS*D
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Office Hours: TBD
Locations and Time: TBD

Credits hours: 3 credits
Prerequisites: EXP 607 and permission of the graduate advisor.

Course description

In the second academic year students work on a thesis in exercise physiology. The master's thesis should have a scientific composition and be founded on applicable theory and literature within the chosen topic. Must be taken for a total of 3 hours of credit. Offered credit/no credit only.

Required course materials

None

Course requirements

The following process and requirements is completed on an individual basis in conjunction with a thesis advisor and committee:

1. At the conclusion of HED 606, the student will generate an initial proposal for their thesis with a brief review of the literature, purpose, hypothesis, and methods section.

2. The student will identify a thesis advisor and establish their thesis committee. The committee will be comprised of a minimum of three members, including the advisor and two other committee members. At least one other member of the committee must be from the College of the Natural and Health Sciences. No more than one member may be external to the university, and must have a minimum of a masters in exercise physiology OR be considered an expert in their respective field.

3. The student will work in conjunction with their thesis advisor to finalize their selected topic and write an initial draft of their review of the literature.

4. Following the approval of the review of the literature, the student will write a research proposal, including the methodology section, statistical analysis of data, and budget. This document will be used to complete required IRB forms.
5. Prior to submitting IRB forms, the students must complete the online CITI Training.

6. The student will develop a time-line for the study, including data collection, submission of written drafts for review and editing, and proposed thesis defense. The proposed defense date must be coordinated with their thesis committee members.

7. Data collection must be coordinated with the thesis advisor.

8. All written drafts must follow the format of the target journal; otherwise the format will adhere to the guidelines used for the *Medicine and Science in Sports and Exercise* (ACSM).

9. Drafts will be provided to thesis committee members allowing for a two-week turnaround time for edits.

10. The final draft of the review of literature and article submission must be in manuscript format and provided to the thesis committee at least three weeks prior to the thesis defense. At this time, the student will finalize the details of the thesis defense with their advisor.

11. During the thesis defense, the student will present a 15-minute slide presentation consistent with a “free communication” presentation at a professional conference. Following the presentation, the student will field any questions from the thesis committee members or anyone in attendance.

12. Following the thesis defense, the student will be informed if the thesis is approved or not. If approved, the student will attend to any final recommendations and requirements by the committee, and submit a final copy with an approval page for signatures. Appropriate signatures will be obtained on the approval page; the signed approval page and final “product” must be submitted at least 30 days prior to the date of graduation. Electronic copies of the final “product” will also be provided to all thesis committee members.

**Grading**
This course will be graded on an S/U basis. To meet the requirements of the M.S. in Exercise Physiology program, the student must complete and submit an approved thesis.