



Exercise Science Division

M.S. in Exercise and Sports Physiology

EXS 698 Research I

Syllabus

Research Advisor Information

NAME:
OFFICE:
PHONE:
E-MAIL:

Current semester's **office hours:**

Current semester's **teaching schedule:**

TEXT AND MATERIALS: *Research Methods In Health*, 3rd ed., by Ann Bowling; see BIBLIOGRAPHY. Information regarding the format of the report/thesis may be obtained at the WCU Graduate Studies website.

PURPOSE OF COURSE: To be taken when the student begins his/her report or thesis research. This course, along with the subsequent EXS 699, is the culminating experience in the program curriculum. It includes development of hypothesis and methods under the direction of a faculty advisor. If taken for thesis, this course should culminate in the acceptance of the thesis proposal by an appropriate committee of faculty. If taken either as a report or a thesis, the course results in the writing of the first three chapters (Introduction, Review of Literature, and Methods) according to the Graduate Studies *Masters Thesis Guidelines*, and IRB approval:
http://www.wcupa.edu/_admissions/sch_dgr/documents/thesisguide.pdf.

GENERAL COURSE OBJECTIVES:

To develop a hypothesis or question to answer by collecting data and statistical analysis with your research advisor; if thesis option, form your committee as per Graduate Studies guidelines

To develop the methods for data collection and statistical analysis

To thoroughly review the literature

To complete and submit an IRB application for your research

Includes completing the web-based training course "Protecting Human Research Participants" (see copy below)

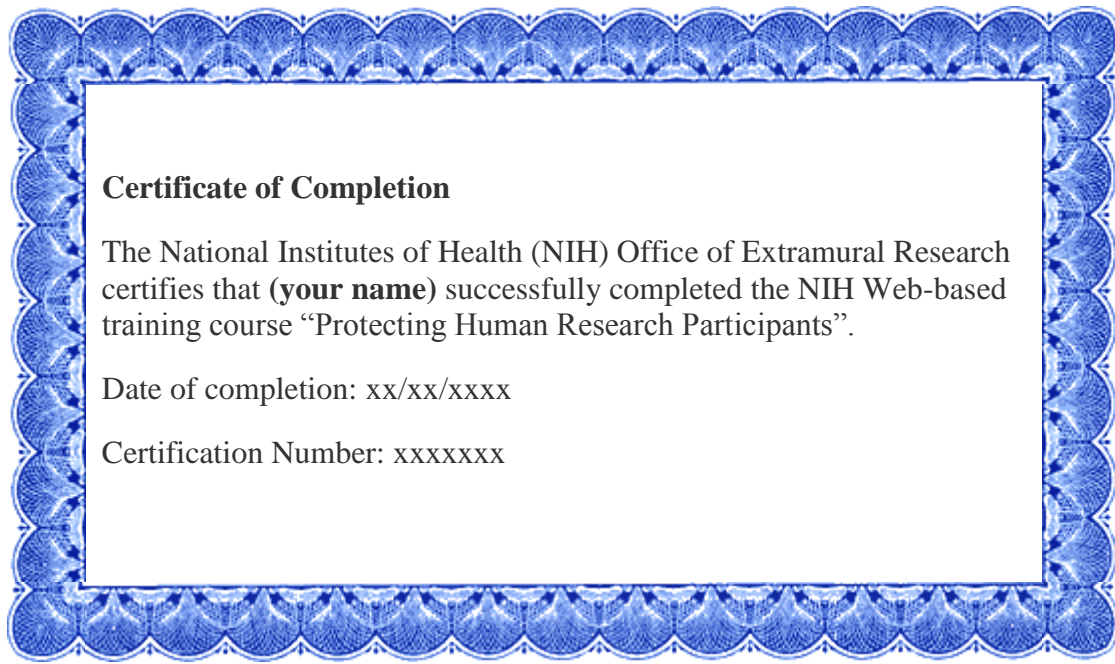
▪ <http://phrp.nihtraining.com/users/login.php?l=3>

Provide Informed Consent and all other forms necessary for complete submission

To complete the writing of the first three chapters of your report or thesis.

*Report option: submit all written material to research advisor for evaluation

*Thesis option: This course should culminate in the acceptance of the thesis proposal by an appropriate committee of faculty and is required for degree candidacy



EVALUATION: Grade will be given when course objectives are met. An IP may be given if more time is needed.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

“We at West Chester University wish to make accommodations for persons with disabilities. Please make your needs known by contacting your instructor and/or the office of Services for Students with Disabilities at Ext. 3217. Sufficient notice is needed in order to make the accommodations possible. The University desires to comply with the ADA of 1990.”

ACADEMIC HONESTY POLICY

The University Academic Honesty policy will be observed as published in the catalog. Students are encouraged to study and work together; however, each student must write his/her own report and complete exams independently. See University Catalog for details.

EMERGENCY PHONE NUMBER

*The Emergency Communication Committee has made the recommendation that the emergency phone number for WCU's Department of Public Safety be listed on all course syllabi. That number is **610-436-3311**. This specific recommendation is made to help the campus be prepared in case of an emergency situation.*

BIBLIOGRAPHY

*Rugg, G. & Petre, M. *A Gentle Guide to Research Methods*, Open University Press, 2006.

*Wiersma, W., & Jurs, S.G., *Research Methods in Education: An Introduction*, Pearson/Allyn and Bacon Publishers, 2008.

*Baumgartner, Strong and Hensley, *Conducting and Reading Research in Health and Human Performance* McGraw Hill publishers.

*Berg and Latin, *Essentials of Research Methods in Health, Physical Education, Exercise Science and Recreation*; Lippincott Williams and Wilkins.