

Spring 2021

Meeting days: Mondays (every other week on Zoom)	Instructor title and name: Heidi Lynch, PhD, RDN
Meeting times: 4:30-6:00 pm	Phone: 619-849-3306
Meeting location: Zoom	E-mail: hlynch@pointloma.edu
Final Exam: final capstone/thesis paper submitted via Canvas	Office location and hours: Mondays and Wednesdays 10:30-11:30 am, or by appointment

PLNU Mission
To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

COURSE DESCRIPTION

This course provides students with guidance in the research process to deepen knowledge in an area of their professional interest. Students will complete and present an original research project including preliminary statistical design, data collection, data analysis, and presentation of results.

Note: KIN 605 is foundational to KIN 650 and is a prerequisite. KIN 650 is the bridge course that provides the opportunity for additional practical experience in analyzing and conducting research in Kinesiology. As such, KIN 650 must be taken prior to KIN 699: Thesis or KIN 698: Capstone Project in Kinesiology.

COURSE LEARNING OUTCOMES

After completing this course, you should be able to:

1. Understand the value and importance of the research process in developing advanced knowledge as a Kinesiology professional.
2. Evaluate, critique and plan research in Kinesiology, including selecting a problem, appraising high quality research evidence, selecting participants and choosing appropriate methodology and statistical design.
3. Design and conduct a quantitative or qualitative research study including data collection and analysis (may include power analysis, calculation of effect size and preliminary pilot study).
4. Present the findings of a thesis, capstone project or pilot project in written and oral formats.

COURSE SCHEDULE AND ASSIGNMENTS

*NOTE: The nature of your research project for this course will be determined by the route you choose to complete the final requirement for the MS-KIN (capstone or thesis).

- I. **Research Project and Paper:** As a graduate experience in research design, you will produce either one quantitative or qualitative research proposal (that is, your thesis or your capstone). This proposal should include the following components:
 1. Introduction including literature review, specific aims, and hypotheses
 2. Materials and methods: participants, instrumentation, study design, data analysis
 3. Research findings/results
 4. Discussion: data interpretation, relationships to literature, conclusions, strengths, limitations
 5. References in proper APA convention, or other specified format for your target journal if directed by your mentor

A specific rubric will be used to grade your final presentation and will be available on Canvas.

II. Oral presentation:

In August, you will be expected to present your thesis/capstone project in a formal environment for the MS in Kinesiology poster symposium. Your grade for this presentation will be based on the quality of your presentation and mastery of the material, your ability to respond to content questions from the audience, and your overall professionalism. An Oral Presentation rubric will be provided to you on Canvas. Although the formal symposium is after our quad finishes, you will do a practice presentation for our class, and this will serve as your grade for this course for the oral presentation.

This course meets PLNU and WASC credit hour policy requirements for contact hours as evidenced by the table below:

Assignments	Course Hours
Zoom Meetings	6
Online Participation	6
Reading	15
Writing	25
Research Process: Data Collection, Analysis, etc.	33
Presentation Symposium	5
TOTAL HOURS	90

REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

Readings posted on Canvas

ASSESSMENT AND GRADING

Assignment	Points

1-page summary of current stage in research	10
Current introduction & methods	20
Peer review: introduction & methods	20
First draft of poster	20
Revised methods with mentor agreement	20
Results (or plan for presenting results)	20
PPT of poster (final version)	20
Oral presentation (5 minute poster presentation)	30
Final paper (introduction, materials & methods, results, discussion, conclusion)	50
Total	210

TENTATIVE COURSE SCHEDULE AND ASSIGNMENTS (Note: schedule is subject to change at the instructor's discretion. Changes will be communicated via announcements on Canvas.)

Date	Topic	Pre-class readings	Assignment Due (submitted through Canvas before class begins)
Week 1 (March 15)	-Course overview -Review components of Research Project: introduction, methods, results, discussion, conclusion -Discussion: Data Collection-plan, process, best practices, pilot & pitfalls.	All readings posted on Canvas	One-page summary of your stage in your research process. Note if you have begun data collection (if not, when you will), the number of participants screened & enrolled, any obstacles you have encountered thus far and how you have addressed these, and any other relevant information to your progress thus far.
Week 2 (March 22)	Introduction, methods, peer review	All readings posted on Canvas	Current introduction and methods section. Your paper will be assigned to another student in class to be peer-reviewed.
Week 3 (March 29)	Discussion: Data analysis (outliers, "cleaning data", analyzing for stats methods appropriateness); peer review process	All readings posted on Canvas	Your review of another student's intro and methods.

Week 4 (April 5)	Presenting research in a poster session	All readings posted on Canvas	First draft of poster
Week 5 (April 12)	Identify a target journal for manuscript publication and outline precisely how you will present your data	All readings posted on Canvas	Results plan: journal or conference where you will submit, how you will present your data.
Week 6 (April 19)	Discussion: Reporting results (tables, graphs, figures)	All readings posted on Canvas	Revised methods, including statistics. You MUST have your mentor indicate agreement with the document you are submitting (they must agree that your statistics are appropriate).
Week 7 (April 26)	Symposium practice: 5 minute presentation of poster	All readings posted on Canvas	Final version PPT of poster
Week 8 (May 3)	Final thesis/capstone paper	All readings posted on Canvas	Submit complete paper (introduction, methods, results, discussion, conclusion) in its <i>final format</i> .

INCOMPLETES AND LATE ASSIGNMENTS

All assignments are to be submitted/turned in by the beginning of the class session when they are due—including assignments posted in Canvas. Incompletes will only be accepted under extremely unusual circumstances. Late assignments will incur a 50% deduction in points. Please contact your professor to determine when to submit your assignments based on your internship starting and ending dates.

FINAL EXAMINATION POLICY

Successful completion of this class requires taking the final examination **on its scheduled day**. No requests for early examinations or alternative days will be approved. For the class, your final written reflection will be submitted in lieu of a traditional final exam.

SPIRITUAL CARE

PLNU Liberty Station Campus:

PLNU strives to be a place where you grow as whole persons. To this end we provide resources for our graduate students to encounter God and grow in their Christian faith. At the Liberty Station campus we have an onsite chaplain, Rev. Wil Ryland who is available during class break times across the week. If you have questions, desire to meet with Rev Ryland or prayer requests you can contact him directly at gradchaplainlibertystation@pointloma.edu. In addition there are resources for

your Christian faith journey available at <http://www.pointloma.edu/experience/faith/graduate-student-spiritual-life>

PLNU COPYRIGHT POLICY

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

PLNU ACADEMIC HONESTY POLICY

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See the [Academic Honesty Policy](#) in the Graduate and Professional Studies Catalog for definitions of kinds of academic dishonesty and for further policy information.

PLNU ACADEMIC ACCOMMODATIONS POLICY

While all students are expected to meet the minimum standards for completion of this course as established by the instructor, students with disabilities may require academic adjustments, modifications or auxiliary aids/services. At Point Loma Nazarene University (PLNU), these students are requested to register with the Disability Resource Center (DRC), located in the Bond Academic Center, located in the Bond Academic Center (DRC@pointloma.edu or 619-849-2486). The DRC's policies and procedures for assisting such students in the development of an appropriate academic adjustment plan (AP) allows PLNU to comply with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Section 504 prohibits discrimination against students with special needs and guarantees all qualified students equal access to and benefits of PLNU programs and activities. After the student files the required documentation, the DRC, in conjunction with the student, will develop an AP to meet that student's specific learning needs. The DRC will thereafter email the student's AP to all faculty who teach courses in which the student is enrolled each semester. The AP must be implemented in all such courses.

If students do not wish to avail themselves of some or all of the elements of their AP in a particular course, it is the responsibility of those students to notify their professor in that course. PLNU highly recommends that DRC students speak with their professors during the first two weeks of each semester about the applicability of their AP in that particular course and/or if they do not desire to take advantage of some or all of the elements of their AP in that course.

PLNU ATTENDANCE AND PARTICIPATION POLICY

Regular and punctual attendance at all **synchronous** class sessions is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions (virtual or face-to-face), the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for their work and participation. In some courses, a portion of the credit hour content will be delivered **asynchronously** and attendance will be determined by submitting the assignments by the posted due dates. See [Academic Policies](#) in the Graduate and Professional Studies Catalog. If absences exceed these limits but are due to university excused health issues, an exception will be granted.

Asynchronous Attendance/Participation Definition

A day of attendance in asynchronous content is determined as contributing a substantive note, assignment, discussion, or submission by the posted due date. Failure to meet these standards will result in an absence for that day. Instructors will determine how many asynchronous attendance days are required each week.

Students taking online courses are expected to attend each week of the course. Attendance is defined as participating in an academic activity within the online classroom which includes posting in a graded activity in the course. (Note: Logging into the course does not qualify as participation and will not be counted as meeting the attendance requirement.)

Students who do not attend at least once in any 3 consecutive days will be issued an attendance warning. Students who do not attend at least once in any 7 consecutive days will be dropped from the course retroactive to the last date of recorded attendance.

Students who anticipate being absent for an entire week of a course should contact the instructor in advance for approval and make arrangements to complete the required coursework and/or alternative assignments assigned at the discretion of the instructor.