TEACHING PLAN

1. IDENTIFICATION

Course: Research and Innovation in Human Performance
Code: DEF510019
Number of Credits: 04 Theoretical Credits
Workload: 60 hours/class
Level: Masters and PhD in Physical Education

2. SYLLABUS


3. OBJECTIVES

- Discuss and elaborate on strategies to enhance quality of research and approach to science.
- Discuss aspects associated to the communication of science.
- Approach the various possibilities of international funding available to research development in the context of Kinesiology and Physical Education.

4. CONTENT

#1 – Introduction: goals behind this course and schedule presentation
#2 – Research seminars in human performance
#3 – Critical analysis of research seminars and scientific writing
#4 – The role of International Scientific Societies and Funding Agencies
#5 – Methods on how to give a successful scientific presentation
#6 – Methods on how to write a publication for international dissemination
#7 – Ethics and Integrity of Scientific Research

5. SCHEDULE

- The Course will occur online, live: Lectures, seminars, and presentations on Thursdays from 18:00 – 19:00, with discussion period from 19:00-20:00.

6. REFERENCES

Human Performance Laboratory Seminars (https://kinesiology.ucalgary.ca/research/labs-and-centres/human-performance-lab/biomechanics-seminars)
Kuhn TS. The structure of scientific revolutions. Chicago and London. 1962

Popper KR. The logic of scientific discovery, Routledge, 2005