

Global Learning Semesters

Course Syllabus

Course: SPSC-400 Senior Year Project

Department: Liberal Arts

Host Institution: Intercollege, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
SPSC-400	Senior Year Project	3
Semester Offered	Contact Hours	Prerequisites
Please contact us	42-45	SPSC-270
Department	Level of Course	Language of Instruction
Liberal Arts	Upper Division	English

Course Description

In this course students will complete a research project. In consultation with a tutor, students undertake a project on a topic of their choice. The project should involve the review of literature, the framing of research question (s), the collection of data in a laboratory or field setting, and the discussion of the results leading to a written dissertation of 8,000 words. The work is mainly completed independently and each student will be allocated a supervising tutor with whom he/she will meet regularly.

Prerequisites

SPSC-270

Topic Areas

1. Reviewing of literature and a consideration of research methodologies,
2. Identifying a research question.
3. Designing and refining appropriate skills for data collection.
4. Producing a statement on ethics for the proposed experimentation based on current legislation and professional practice.
5. Organising and completing data collection.
6. Analysing and interpreting data.
7. Producing a scientific written report.

Learning Outcomes

By the end of this course students should be able to:

1. Review literature on a specific topic to identify the principle contemporary issues placed within the content of the prevailing theories and concepts of the (sub) discipline.
2. Formulate a research question based on the above.
3. Identify an appropriate experimental design and be able to rationalize that choice.
4. Develop the relevant skills needed for data collection.
5. Demonstrate an appreciation of legislation and professional practice through the production of a statement on ethics for the proposed study.
6. Organise and complete the collection of data in a valid and reliable manner.
7. Analyse and interpret data using a sophisticated approach relevant to the research methodology.
8. Discuss data in the context of the research question and the extant literature.

9. Disseminate findings by means of poster communication.
10. Produce a written report.
11. Work independently and as part of a team in an effective manner.

Assessment

Scientific Proposal:	(15%)
Report Abstract:	(10%)
Poster Presentation:	(10%)
Oral Presentation:	(15%)
Final Report:	(50%)

Readings and Resources

Required Textbooks

1. Thomas, J. and Nelson, J. (2001) Research methods in physical activity 4th ed. Human Kinetics, Champaign, IL.
2. Berry, R. (2000) The research project 4th ed. Open University Press, London.
3. Vincent, W.J. (1999) Statistics in kinesiology 2nd ed. Human Kinetics, Champaign, IL.

Recommended Textbooks

1. Bland, M. (2000) An introduction to medical statistics 3rd ed. Oxford University Press, Oxford.
2. Marrow, J.R., Jackson A.W., Disch, J.G., and Mood, D.P. (1995) Measurement and evaluation in human performance Human Kinetics, Champaign, IL.
3. Eston, R. and Reilly, T. eds (2001) Kinanthropometry and exercise physiology laboratory manual: tests, procedures and data. 2nd ed. Routledge, London
- Girden, E.R. (1996) Evaluating research articles from start to finish Sage, London.
4. Punch, K. (2000) Introduction to social research: Quantitative and qualitative approaches Sage, London.
5. Tomlinson, A. and Flemming, S. eds (1997) Ethics, Sport and Leisure: crises and critiques Meyer and Meyer, Aachen.