COURSE: RESEARCH PROJECT

DEPARTMENT: POI
PROGRAM: CMCD AE

SEMESTER AND YEAR:.2024-1
CLASS-HOURS: ☒ 30 hours ou ☐15 hours

PROFESSORS: PRISCILA L.S. MIGUEL

LANGUAGE: ENGLISH

DESCRIÇÃO DA DISCIPLINA / COURSE DESCRIPTION

This course aims to present the foundations of research design and skills for preparing a research project. It is a mandatory and introductory discipline, which will present an overview of scientific methodologies, starting with epistemology and covering different phases of research design, such as research question and theoretical gaps identification, literature review, qualitative and quantitative research methods, as well as data collection and analysis. In addition, we will address other topics such as the potential for replicability, ethical issues in quantitative and qualitative methods, databases, and scientific dissemination.

OBJETIVOS DA DISCIPLINA / LEARNING GOALS

The course learning goals are presented in the table below, showing how they contribute to the learning goals related to the objectives of CMCDAE.

GRAU DE CONTRIBUIÇÃO / LEVEL OF CONTRIBUTION *			
Forte / High	Intermediário / Medium	Reduzido / Low	Nenhum / None
●●●	●●○	●○○	○○○

CMCDAE/AP Objectives	**Course learning goals**	**Level of Contribution ***
Qualitative research methods	Explore different research methods (qualitative, quantitative and mixed models)	●●○
Quantitative research methods	Explore different research methods (qualitative, quantitative and mixed models)	●●○
Knowledge of research themes and theory		○○○
Research procedures	Understand all steps involved in research design	●●●

Relevance and innovation in research	Explore how to identify theoretical gaps, rigor, and relevance of research Apply the concepts learned in individual research projects	● ● ●
Development of academic papers	Develop scientific texts with potential of publication in international and national journals	● ● ○
Other course learning goals:.....		

The full description of the CMCDAE objectives, and other related information, may be found at https://rebrand.ly/cmae-eaesp (masters) e https://rebrand.ly/cdae-eaesp (doctorate).

PREVIOUS KNOWLEDGE REQUIRED

None

CONTENT

- Brief introduction to philosophy of science, ontology, and epistemology.
- Inductive and deductive research
- Research design and research questions
- Doing a literature review and databases
- Introduction of research methods: qualitative, quantitative, and mixed methods
- Academic writing
- Research ethics and replication.

METHODOLOGY

Several teaching methodologies will be applied in this course, such as interactive lectures, seminars, as well as individual activities that include a critical review of papers and assigned exercises.

ASSESSMENT

- Participation in class (20%)

- Group activity - seminars (20%)
  Each group has to choose a scientific paper (published in a top international journal – high impact factor or ABS 3, 4, or 4*) and prepare a 20-minute presentation (classes 4 or 5). The presentation must include the following topics: 1) a brief summary of the article and explanation of why the paper was selected; 2) the article's methodology, including research design and rigor criteria; 3) a brief conceptual explanation of the methodology; 4) lessons learned for your own research. The size of the group will depend on the number of students enrolled in this class.
- Individual Research Project – oral and written (60%).
  The research project should include the following topics: 1) abstract; 2) introduction detailing the research gaps, research questions, objectives, and justification; 3) summary of literature review; 4) chosen methodology explaining why it is appropriate for the research, unit of analysis, data collection, and data analysis; 5) expected results; 6) timeline; 7) references.
  Each student is expected to do an oral presentation of their proposal at the end of the term (classes 7 or 8). After the feedback from the professors, the student will have 2 weeks to submit the final written research project on eClass. Presentations and written assignments should be in English.

  Deadline for submitting the written research project is two weeks from the last class

BIBLIOGRAPHICAL REFERENCES

Text books:

1. Creswell, J. W., Creswell, J.D. (2018). Research Design: Qualitative, Quantitative, and Mixed Methods Approaches (5th Ed). Thousand Oaks (CA): Sage Publications

Recommended:

1. Machi, L., McEvoy, B. (2016) Literature Review: Six Steps to Success (3rd). New York: Sage.

2. Hart, C. (2018). Doing a literature review. Releasing the Research Imagination (2nd Ed.) London: Sage Publications.

3. Ridley, D. (2013). The literature review: A step by step guide for students (2nd Ed.) Sage Publications.

4. Tranfield, D., Denyer, D. and Smart, P. (2003) 'Towards a methodology for developing evidence-informed management knowledge by means of systematic review', *British Journal of Management*, 14, pp. 207–222. doi: 10.1016/j.intman.2013.03.011.

5. Trafford and Leshem (2008). Stepping Stones to Achieving your Doctorate. England: Open University Press Leituras complementares estão listadas na programação aula-a-aula

6. Converse, J. M.; Presser, S. (1986). *Survey questions: Handcrafting the standardized*

questionnaire (Vol. 63). Sage.

7. Fowler Jr, F. J., & Fowler, F. J. (1995). *Improving survey questions: Design and evaluation*. Sage.

8. Hsu, D. K., Simmons, S. A., & Wieland, A. M. (2017). Designing entrepreneurship experiments: A review, typology, and research agenda. *Organizational research methods*, *20*(3), 379-412.

9. Cobb, P., Confrey, J., DiSessa, A., Lehrer, R., & Schauble, L. (2003). Design experiments in educational research. *Educational researcher*, *32*(1), 9-13.

10. Hubbard, R., Vetter, D. E., & Little, E. L. (1998). Replication in strategic management: Scientific testing for validity, generalizability, and usefulness. *Strategic management journal*, *19*(3), 243-254.

12. Block, J. H., Fisch, C., Kanwal, N., Lorenzen, S., & Schulze, A. (2022). Replication studies in top management journals: An empirical investigation of prevalence, types, outcomes, and impact. *Management Review Quarterly*, 1-26.

COURSE SCHEDULE

TBD