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| Course Unit | - | Field of study | - |
| Master in | Long Term Care | School | School of Health |
| Academic Year | 2016/2017 | Year of study | 1 |
| Type | Semestral | Semester | 1 |
| Workload (hours) | 162 | Contact hours | T - , TP 35, PL - , TC - , S 15, E - , OT 10, O - |
| Level | 2-1 | ECTS credits | 6.0 |
| Code | 1350-478-1105-00-16 | | |

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Maria Augusta Romão da Veiga Branco

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Recognize the research process in health: the epistemologicals, methodological, technical and ethical aspects, in articulation with theoretical/empirical field, in Continuous Care.
2. Learn to Elaborate a Work Intervention Project in Continuous Care area.
3. Learn to execute a critical appreciation of Health research in Continuous Care area.
4. Identify the nature and characteristics of the rationale methodological: steps and components.
5. Know the elements to the instrumental and methodological plan of a research as an Work Intervention Project in community health or civil Continuous Care
6. Be able to perform all steps of the Research Planning, Execution and Publication ;
7. Be able to present in oral and written form the work developed: Work InterventionProject in Continuous Care area.

Prerequisites

Before the course unit the learner is expected to be able to:
Domain in portugese language

Course contents

Specific Contents. I. Introductory questions about the scientific object 2. Eclectic, Qualitative, and Quantitative approaches: the abandonment of the dominant paradigm. Intervention Project Design. II. The phases of Quantitative research III. The phases of Qualitative research IV. Approaches and techniques of Qualitative and Quantitative Research V. Practical Application of Approaches and Techniques of Quantitative and or Qualitative Research.

Course contents (extended version)

1. Introductory questions about the scientific object and scientific research
 - Qualitative and Quantitative research – differences between paradigms
 - Eclectic, Qualitative, and Quantitative approaches: the abandonment of the dominant paradigm
 - Cientific Publication: Papers, Publication and Refrees.
2. The phases of Quantitative research
 - The Research Design - The Intervention Project Design
 - The Problem or the Identification of the Problematic one
 - For the organization of a construct – the State of the Art
 - From the Questions of the Research to the Hypotheses
 - The control and the management of Variables
 - From the Universe to the Sample
 - The Statistical Procedures
 - Papers and Publication - How to wright and submit a paper.
3. The phases of Qualitative research
 - The construction of the Starting Questions
 - Exploratory approaches - Bibliographical research, organization of readings, Interviews, observation
 - To problematic - definition and explain
 - Construction of the model of analysis: the oncepts, the hypotheses; the variables.
 - The analysis of content - Categorical Trees
4. Approaches and Techniques of Qualitative and Quantitative Research
 - Universe and Sample: Techniques of Sampling and kinds of sample;
 - The Questionnaire construction: Kind of Variables, Hipotesis, Context sample/universe, application
 - Construction and planning of the questions, kind of questions - open/closed or multiple;
 - Interview - Characteristics: Factors associated to the situation, interviewed/interviewer skills
 - Kinds of observation - participant; not-participant. "Privileged informer" collect of information
 - The investigator in land - the contact, identity; From the 'histories of life', to 'oral history'
 - The analysis of content (Moments of the procedure - encoding, categorizing, inference;
5. Practical Application of Approaches and Techniques of Quantitative and or Qualitative Research
 - Intervention Project Work in Continuous Care area
 - Selection of Contents for the theoretical Refree;

Recommended reading

1. Bogdan, R. & Biklen, S. K. (1994). Investigação qualitativa em educação: Uma introdução à teoria e aos métodos. Porto: Porto Editora
2. Coutinho, C. P. (2011). Metodologia de Investigação em Ciências Sociais e Humanas: Teoria e Prática. Coimbra. Almedina
3. Pestana, H. ; Gageiro, J. N. (2008). Análise de Dados para Ciências Sociais. A complementaridade do SPSS. 5ª Ed. Lisboa: Edições Sílabo
4. Ribeiro, J. L. P. (2010). Metodologia de Investigação em Psicologia e Saúde. 3ª Ed. Oliveira de Azemeis. Livpsic.
5. Veiga-Branco, M. A. R. (2017). Syllabus Para um Estudo Orientado em Metodologias de Investigação. DCSG. ESSa. IPB.

Teaching and learning methods

- 1 - Interactive lessons: 2: Texts Practical Analysis Application of Methods and Techniques in Health Care Technology

Assessment methods

1. Writing Examination - (Regular, Student Worker) (Final)
 - Final Written Exam - 60% (Writing Presentation)
 - Work Discussion - 40% (oral presentation)
2. Written test - (Regular, Student Worker) (Supplementary, Special)

Assessment methods

- Final Written Exam - 100%

Language of instruction

Portuguese, with additional English support for foreign students.

Electronic validation

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| Maria Augusta Romão da Veiga Branco | Maria Augusta Pereira da Mata | Maria Helena Pimentel |
| 30-01-2017 | 30-01-2017 | 01-02-2017 |