

University Master's Degree in Clinical Research

Basic Competences

Code	Description
CB6	To have and understand knowledge that provides a basis or opportunity for the student to develop and/or apply original ideas, often in the context of research.
CB7	Students should be able to apply their knowledge and ability to solve problems in new or little-known environments, within broader (or multidisciplinary) contexts related to their area of study.
CB8	Students should be able to integrate their knowledge and cope with the complexity of formulating judgements based on information that, being incomplete or limited, includes reflections on the social and ethical responsibilities linked to the application of their knowledge and judgements.
CB9	Students should be able to communicate their conclusions and the knowledge and arguments supporting these conclusions to specialised and non-specialised audiences in a clear and unambiguous manner.
CB10	Students should have learning skills that enable them to continue to study in a largely self-directed or autonomous manner.

General Competences

Code	Description
CG1	The ability to integrate new knowledge acquired through research and study and cope with complexity.
CG2	The ability to critically analyse and discuss research results and transmit the relevant outcomes.
CG3	The ability to formulate operative research questions and hypotheses based on scientific evidence.
CG4	The ability to articulate and defend one's own scientific ideas in an ethical way with regard to the research process.

Cross-Disciplinary Competences

Code	Description
CT1	The ability to work within an established, multidisciplinary and multicultural work team.

Specific Competences

Code	Description
CE1	Knowledge of how to apply scientific methods, experimental design and biostatistics to answer a question or corroborate a hypothesis in a clinical setting.
CE2	Knowledge of how to design a research project within a specific context in a clinical setting.
CE3	Knowledge of how to describe both the quantitative and qualitative methodological designs used in health research in the healthcare environment.
CE4	Knowledge of how to use qualitative and quantitative tools to critically assess research articles.
CE5	Knowledge of how to apply the language of scientific writing when communicating health outcomes.
CE6	Knowledge of how to describe and apply the most common techniques for exploring and analysing data, the relationship between variables or categories and/or corroborating hypotheses in both quantitative and qualitative research.
CE7	Knowledge of how to identify health problems that may be subject to research and how to apply specific techniques to analyse and assess such problems.
CE8	Knowledge of how to assess research projects and protocols.
CE9	Knowledge of how to apply specific theoretical and practical knowledge in health science research.
CE10	Knowledge of how to apply ethical, legislative and humanitarian principles when performing research and disseminating the results.