

## Research Methods – CS8007

Module Code	CS8007
Module Name	Research Methods
Short Title	N/a
ECTS weighting	N/a
Semester/term taught	Semester one and two
Contact Hours	Lecture hours:29 Tutorial hours:12 Total hours:41
Module Personnel	Inmaculada Arnedillo-Sánchez, Lucy Hederman, Myra O'Regan, Mary Sharp, Richard Millwood, Brendan Tangney, Tim Savage and others
Learning Outcomes	Upon successful completion of the module students should be able to: <ul style="list-style-type: none"> <li>• Identify a research question, and propose an appropriate research methodology to address it</li> <li>• Prepare a review of literature</li> <li>• Design and develop effective research instruments</li> <li>• Use a variety of approaches to data collection and analysis</li> <li>• Write in an academic style.</li> </ul>
Module Learning Aims	The main objective of this module is to provide an overview of research perspectives, traditions, methods and strategies. The module also aims to support students to gain understanding of the process of data collection and analysis, to facilitate the development of a research proposal and dissertation, and to develop generic research skills.
Module Content	The research process & key principles Literature review and library skills Research methods : quantitative & qualitative Data Collection Instruments & data analysis Academic writing.
Recommended Reading List	John W. Creswell, Research design: Qualitative, quantitative, and mixed methods approach. (3rd ed.). Thousand Oaks, CA: Sage Publication
Pre Requisite	Successful completion of year 1 of the MSc in Technology & Learning
Co Requisite	N/a
Assessment Details	Assessment is based 100% on attendance.