Academic Year 2011/12
Module Code CS8003
Module Title Research Methods
Pre-requisites Successful completion of year 1 of the MSc in Health Informatics.
ECTS 5
Coordinator Lucy Hederman
Teaching Staff Brendan Tangney, Lucy Hederman, Mary Sharp, Tm Savage, Myra O’Regan, and others
Delivery The teaching strategy for this module is a combination of lectures, workshops and student presentations.
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.
Learning Outcomes Upon successful completion of the module students should be able to:
- Identify a research question, and propose an appropriate research methodology to address it
- Prepare a review of literature
- Design and develop effective research instruments
- Use a variety of approaches to data collection and analysis
- Write in an academic style.
Syllabus The research process & key principles
- Literature review and library skills
- Research methods: quantitative & qualitative
- Data Collection Instruments & data analysis
- Academic writing.
Assessment Assessment is based on attendance and two presentations.
Website www.scss.tcd.ie/postgraduate/mschi/current/year2material/