

PROVISIONAL COURSE CONTENT OVER 2 WEEKS (*SUBJECT TO CHANGE)

Doctorateness	Research Methods and Statistical Design	Project Management	Scientific Writing
<p>What is doctorateness?</p> <p>Characteristics and expectations of a doctoral thesis, including social and scientific value of the proposed research</p> <p>Conceptualisation</p> <p>Conceptualisation and developing critical thinking</p> <p>Research question</p> <p>Identification of the research gap and formulating the research question</p> <p>Planning with the end in mind Putting it all together</p> <p>Accessing the literature</p>	<p>Philosophy of Science & Concepts of Methodological Approaches</p> <p>The order of academic discourse – on the possibility of saying something new</p> <p>Evidence based health care Quantitative methods</p> <p>Overview of quantitative methods. Blinding in research</p> <p>Protocol</p> <p>Components of a sound research proposal</p>	<p>Qualitative methods</p> <p>Background to qualitative methods, key assumptions and their implications for the research design including selection of participants</p> <p>An introduction to qualitative data collection methods focusing on individual depth interviews</p> <p>An introduction to qualitative data analysis</p> <p>Statistical design of quantitative research</p> <p>Sample size and power calculations</p> <p>Sampling strategies</p> <p>Data capture and selection of statistical tests</p> <p>Research Ethics</p> <p>Research integrity and ethical considerations</p>	<p>Research Funding & Support</p> <p>SU systems - research funding and research support offices, grant applications & grants management</p> <p>Project Management at PhD level</p> <p>Introducing scientific writing</p> <p>Dealing with various questions and undertaking a series of group and individual activities</p> <p>Reviewing the protocol</p> <p>Address matters of structure and coherence; students will engage with examples of protocols)</p> <p>Student Supervisor relationship</p> <p>Building relationships with supervisors</p> <p>Tips and Tricks to survive Ethics Review</p> <p>Writing your research story</p> <p>Understanding relationships between elements in the proposal</p> <p>Sounding scholarly: exploring conventions</p> <p>Making choices with language</p> <p>Speaking with giants</p> <p>Using the literature review for your arguments; strategies for voice</p> <p>Structured writing</p> <p>Developing the story</p> <p>Managing your resources</p> <p>Role in scientific writing’ philosophy; electronic management tools</p> <p>Preparing your protocol for submission</p> <p>Preparing for protocol presentation*</p>

*Students work on their protocols during the afternoons and present their draft proposals on the last day to the rest of the group and to their supervisors.