

Master of Philosophy

SPECIALISING IN SUSTAINABLE MINERAL RESOURCE DEVELOPMENT

A new trans-disciplinary and inter-institutional Master of Philosophy (MPhil) Degree course, offered through the Minerals to Metals Research Initiative in the Department of Chemical Engineering at UCT

Aims

This MPhil course aims to educate and train graduates who have a high-level understanding of, and sensitivity to, the critical factors of sustainable development in the context of mining and minerals processing in Africa; and who can develop knowledge at an advanced level in and around the African mining industry, through research

Programme Structure

The two-year programme comprises core and elective courses with a total value of 60 credits, and a research dissertation with a value of 120 credits. The four core courses will be delivered in blocks of approximately one week each within the first year of study, and include:

- Sustainable Development, convened by the Sustainability Institute, University of Stellenbosch
- Strategic Social Engagement Practice, convened by the Graduate School of Business, University of Cape Town
- Research Methodology and Communication, convened by the Department of Chemical Engineering, University of Cape Town
- Environmental Stewardship in Mining and Minerals Beneficiation, convened by the School of Mines, University of Zambia

The 120-credit research dissertation is convened by the Department of Chemical Engineering at the University of Cape Town and is jointly supervised by academics from at least two different research disciplines and/or groupings.

Who Should Apply

This course is ideal for graduates from across a spectrum of disciplines (e.g. economists, geologists, engineers, health & safety, social scientists etc), who have an interest in pursuing or advancing their careers in the field of mining and minerals beneficiation. Applicants should hold a four year bachelor or honours degree from a recognized institution.

For further details and application enquiries, contact the course convener, Professor Harro von Blottnitz (harro.vonblottnitz@uct.ac.za) or visit the Minerals to Metals website (www.mineralstometals.uct.ac.za)

