

RESEARCH TRAINING PROGRAMME FOR MASTERS AND DOCTORAL STUDENTS: MUCKLENEUK CAMPUS

Objectives

The main objectives of Research Training Programme is to:

- (1) familiarise postgraduate students with the Unisa research environment and research ethics;
- (2) provide information about the research process, the functions and components of the research proposal;
- (3) develop skills to utilise research resources such as library and available research technologies;

- (4) develop an understanding about meta-theories, theories, concepts, models and trends within and beyond subject disciplines;
- (5) provide postgraduate students with strategies how to gain an understanding and access to their scientific community;
- (6) introduce postgraduate students to the concept of *graduateness* and the meaning of making “an *original research contribution*” (for *PhD students*).

Achieving the training objectives 1 – 6 will provide the basis for participants to:

- (7) present and discuss their informed research ideas/projects under the guidance of facilitators;
- (8) be assisted to interlink their research ideas to relevant theories, concepts, models, trends and empirical findings in their fields.
- (9) be trained in research methods and the available electronic resources on research methodology and technology available at Unisa (SPSS & Atlas.ti for instance);
- (10) be introduced to descriptive and inferential statistics; as well as to basic and complex model testing using statistics

Structure

The Research Training Programme will be offered as a four hour per week meeting offered over a period of 11 weeks comprising two modules for the Proposal Phase. The Thesis Phase is offered in one module over five weeks. The meetings will be held on Thursdays from 9:00am to 1:00 pm and all the regional centres will be connected to the workshops via video conferencing where applicable. Arrangements should be made with your respective regional centre.

Module1: Research Proposal

DATE	ITEM	THEME	FACILITATOR	TIME
25 April	Registration and Tea			08h30 -0 9h00
Exam Hall 2	Opening	Welcoming and introduction	Prof H Atagana	09h00 – 09h15
	Opening	Introduction of the M&D studies at Unisa and the research proposal programme 2019	Prof H Atagana	09h15 – 09h30
	Opening	Introduction of Unisa’ structure as university and its research related policies and research funding at Unisa	Prof H Atagana	10h00 – 10h30
	Lecture	Library training: how to engage with scientific information	Ms H Napaai	11h00 – 11h45
	Lecture	Library training: how to engage with scientific information and research method	Ms H Napaai	11h45 – 13h00
	ITEM	THEME	FACILITATOR	TIME
16 May	Registration and Tea			08h30 - 09h00
Exam Hall 2	Lecture	The scientific research process: Research problems and research questions	Prof P Ngulube	09h00 – 10h30
	Lecture	The literature review	Prof A Court	11h00 – 12h00
	Lecture	Understanding similarity checking software	Mrs Flinspach-Van der Walt	12h00 – 13h00

DATE	ITEM	THEME	FACILITATOR	TIME
30 May	Registration and Tea			08h30 - 09h00
Exam Hall 2	Lecture	Research methodologies and research methods in social and natural sciences	Prof M Makoe	09h00 – 10h30
	Lecture	The research proposal: components and structure	Prof T Zengele	10h30 – 12h00
	Lecture	Inter-multi- and transdisciplinary research	Prof R Songca	12h00 – 13h00

DATE	ITEM	THEME	FACILITATOR	TIME
	Registration and Tea			08h30 - 09h00
6 June	Lecture	Ethical Issues in Research	Dr M Claassens	09h00 – 10h30
Exam Hall 2	Lecture	Postgraduate Research Journey: a view from the horse's mouth	Dr M Mhlongo	1030h00 – 11h30
	Lecture	Library training: research method space	Ms H Napaai	11h30 – 13h00

DATE	ITEM	THEME	FACILITATOR	TIME
20 June	Registration and Tea			08h30 - 09h00
Exam Hall 2	Lecture	Meta-theories, theories, concepts, models and trends	Prof P Ngulube	09h00 – 10h00
		Introduction to qualitative research methods	Prof M Taole	1000h00 – 11h00
		Introduction to quantitative research methods	Ms S Muchengetwa	1100h00 – 12h00
		Introduction to mixed research methods	Prof P Ngulube	1200h00 – 13h00

Module 2: Research Proposal

DATE	ITEM	THEME	FACILITATOR	TIME
18 July	Registration and Break			08h30 - 09h00
	Lecture	Comparative analysis of quantitative and qualitative research methods	Ms S Muchengetwa	09h00 – 10h30
	Lecture	Measurements in scientific research	Ms S Muchengetwa	10h30 – 11h30
	Lecture	Research methods: From observations to experimental research designs	Ms S Muchengetwa	11h30 – 13h00

DATE	ITEM	THEME	FACILITATOR	TIME
25 July	Registration and Break			08h30 - 09h00
	Lecture	The experimental method	Ms S Muchengetwa	09h00 – 10h00
	Lecture	Surveys as research method	Ms S Muchengetwa	10h00 – 11h00
	Lecture	Questionnaire as research tool	Ms S Muchengetwa	11h00 – 12h00
	Lecture	Research questions that require experimental or survey designs	Ms S Muchengetwa	12h00 – 13h00

DATE	ITEM	THEME	FACILITATOR	TIME
1 August	Registration and Break			08h30 - 09h00
	Lecture	Introduction to qualitative research methods: from participatory observations to focus groups	Prof Taole	09h00 – 11h00
	Lecture	Research questions that require qualitative research designs	Prof Taole	11h00-12h00
	Lecture	Introduction to qualitative data	Prof Taole	12h00-13h00

Dates	Item	Theme	Facilitator	Time
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8 August	Registration and Break			08h30 - 09h00
	Lecture	Introduction to descriptive and Inferential Statistics	Dr Malela	09h00 – 10h00
	Lecture	Statistics as a scientific tool: reliability and validity; measures (scales), distributions, general assumptions; descriptive versus inferential statistics; type one and type 2 errors; statistical power	Ms S Muchengetwa	10h00 – 11h00
	Lecture	Testing for relationships among variables	Ms S Muchengetwa	11h00 – 12h00
	Lecture	Comparing groups (between subject-designs versus within-subject designs)	Ms S Muchengetwa	12h00 – 13h00

Dates	Item	Theme	Facilitator	Time
15 August	Registration and Break			08h30 - 09h00
	Lecture	Research ethics & Procedures: ethical clearance, Evaluation of the research proposal, Applications for permissions to study particular participants	TBA	09h00 – 10h00
	Lecture	Writing up the research proposal: structure, requirements and standards	Prof Tabane	10h00 – 12h00

Seminar

Presentation of Research Ideas

Prof Tabane

12h00 – 13h00

DATE	ITEM	THEME	FACILITATOR	TIME
22 August	Lecture	Introduction to data analysis: statistical analysis using SPSS	Dr Malela	09h00 – 12h00
LUNCH BREAK 12h00-13h00				
	Lecture	Introduction to data analysis using Atlas ti	Mr H van der Walt	13h00 – 16h00

Module 3: Thesis Phase (5 Weeks)

Objectives

The main objectives of Module 3, which comes after the proposal phase, are to provide masters and doctoral candidates with the introduction to (1) observational and experimental research designs (2) data analysis qualitative with Atlas TI (3) advanced research designs: experimental studies, surveys and case study, various qualitative approaches and mixed m.

DATE	ITEM	THEME	FACILITATOR	TIME
28 August	Registration and Break			08h30 - 09h00
	Lecture	Multi-inter, and transdisciplinary Research	Prof R Songca	09h00-10h00
	Lecture	Advanced research designs Experimental studies	Ms S Muchengetwa	10h00 – 11h00
	Lecture	Advanced research designs: surveys	Ms S Muchengetwa	11h00 – 12h00
	Lecture	Advanced research designs: case study	Ms S Muchengetwa	12h00 – 16h00
DATE	ITEM	THEME	FACILITATOR	TIME
5 September	Registration and Break			08h30 - 09h00
	Lecture	Qualitative research designs: Grounded theory	Prof G van der Westhuizen	09h00 – 11h00
	Lecture	Mixed method designs	Prof P Ngulube	11h00 – 13h00
DATE	ITEM	THEME	FACILITATOR	TIME
12 September	Registration and Break			08h30 - 09h00

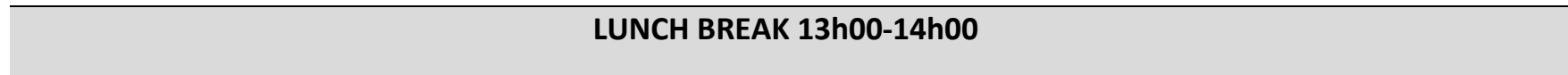
Lecture	Decolonising research designs	Prof G van der Westhuizen	09h00 – 13h00
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DATE	ITEM	THEME	FACILITATOR	TIME
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20 September	Registration			08h30 - 09h00
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Lecture	Advanced data analysis using Atlas ti	Mr H van der Walt	09h00 – 16h00
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LUNCH BREAK 13h00-14h00

Dates	Item	Theme	Facilitator	Time
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26 September	Registration			08h30 - 09h00
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Lecture	Introduction to Data Analysis: Statistical Analysis Using SPSS	Dr Malela	09h00 – 16h00
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LUNCH BREAK 13h00-14h00

RSVP: M&DRW@unisa.ac.za