



# CAPACITY ENHANCEMENT PROGRAMME

2019-2020

## INTRODUCTION

The South African Technology Network (SATN), in response to the Ministers call for the production of a critical mass of quality Masters, PhDs, Supervisors and Academic Publications from universities across South Africa, as well as in response to the Targets set in the National Development Plan (NDP), developed a unique and bespoke set of programmes in this regard. The programmes have been developed, tested and refined by a team of national and international experts to meet the quality and “time to completion needs” of especially the new generation universities and the technology focused universities. Over the past three years of the SATN offering such programmes, the outcomes and outputs have been phenomenal. (see reviews and evaluation results of the programmes on the website [www.satn.org.za](http://www.satn.org.za))

## OBJECTIVES

These programmes are intended to:

- 1 Strengthen the teaching and research capacity of institutions
- 2 Enable qualified academics to deepen their knowledge of research methodology in their disciplines
- 3 Ensure that they complete their Masters and PhD programmes in the required time
- 4 Enhance their supervision skills and
- 5 Ensure submission of high-quality papers for publication to accredited journals.

## FACILITATORS

The programmes are facilitated by leading national and international scholars from various disciplines. The interactive nature of the training allows the participants to share experiences and exchange ideas, which promotes greater understanding, cooperation and the development of communities of practice.

## TRAINING PROGRAMME MATERIALS

The programmes will be conducted in the form of interactive workshops, one on one sessions, group sessions and discussions to allow a maximum exchange of views. Training materials will be provided to participants at the training sessions. Certificates will be awarded to participants who complete the respective programmes in its entirety.

## PARTICIPANTS, QUALIFICATIONS AND SELECTION

The programme is open to all staff members of academic institutions and research institutions in Southern Africa. The PhD, Masters and Supervisor programmes can accommodate up to 35 participants and the writing programme up to 20 participants. Participants will be selected by their respective institutions for the respective programmes. Due consideration will be given to the candidates’ qualifications, the scope and relevance of their professional duties. Applications from female candidates are encouraged.

## VENUE

The programmes will be held at venues selected by the respective institutions who are funding the programme or the funders who are funding regional and national programmes. Timetables and dates of modules for each institution or the funders of national and regional programmes will publish details accordingly.

## FINANCIAL ARRANGEMENTS AND ACCOMMODATION

Universities participating in these programmes will deal with these matters. Self-funded participants will be responsible for their costs such as travel, accommodation and living expenses.



## CONTACT DETAILS

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## SUMMARY - SATN CAPACITY ENHANCEMENT PROGRAMMES

### 1. The DOCTORAL PROGRAMME for all Disciplines

The Doctoral programme has 2 options:



The proposal development programme is a six module blended learning programme with residential modules and online modules. The programme is run over a two-year period taking you up to dealing with your own collected data. It has an Embedded Supervisor Programme and is based on a cohort model creating opportunities for regional, national and global networks and communities of practice. It is facilitated by national and internationally recognized academics. The programme is implemented in a novel triangular model with the candidate, supervisor and facilitator working together in a common learning space. It is a hands-on, multidisciplinary, interdisciplinary programme that is assessed, monitored and evaluated throughout the period.

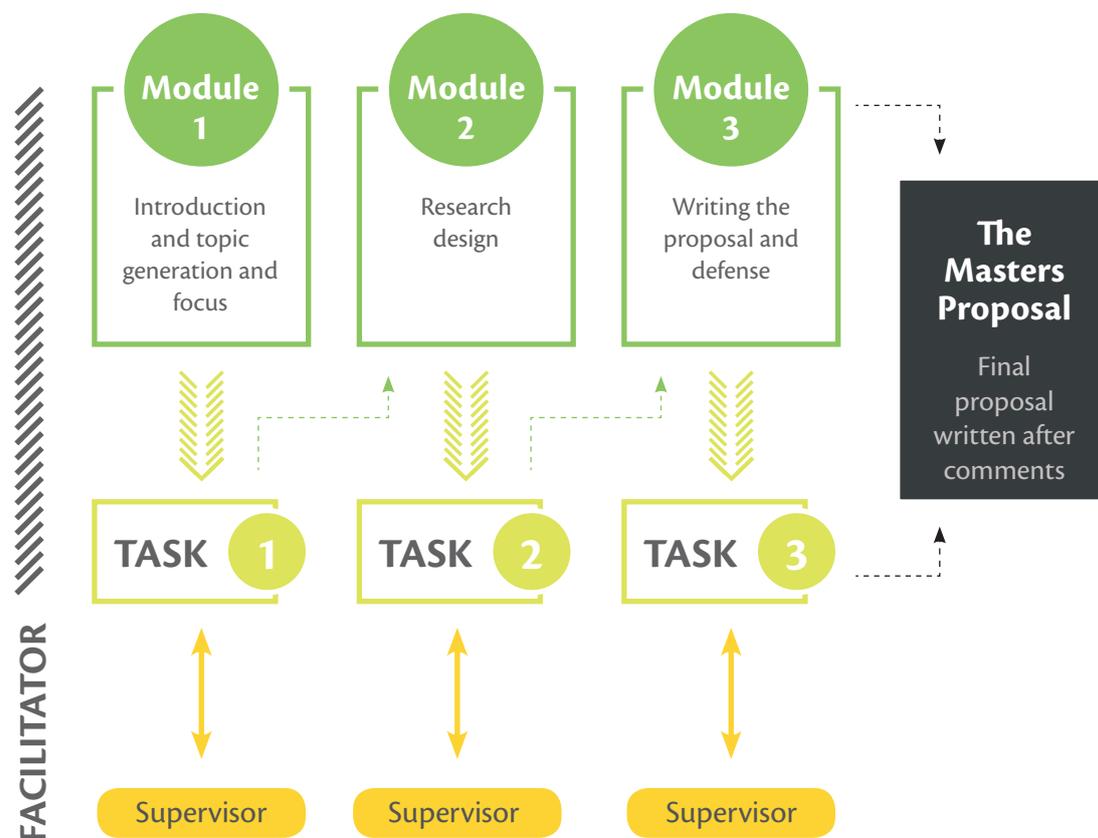


Completion of dissertation to presentation for examination: this option includes dealing with your own data (data analysis) and writing up of the data. This is a three year programme as it includes the above modules as well as preparing dissertation for examination. “Writing up the dissertation” is an additional 2 week-long modules in the third year. Again, there is a complimentary supervisor programme in the third year. The primary objective of the doctoral and supervisors complementary programme is to ensure that PhD candidates will have an assessed PhD proposal ready for registration or a dissertation ready for examination at any university nationally or globally. The aim of this programme is to also ensure that dissertations are completed within a three to four-year period. Members of an institutions higher degrees committee are encouraged to attend the dissertation defense sessions.

		PROGRAMME	OUTCOME
OPTION A OPTION B	<b>YEAR 1</b> Module 1-5 Proposal Development	<ol style="list-style-type: none"> <li>1. Candidate attends module 1-5</li> <li>2. Supervisor attends module 1 and 5 proposal defence</li> </ol>	<ol style="list-style-type: none"> <li>1. Completed proposal for PhD is defended by candidate and assessed by international panel and peers</li> </ol>
	<b>YEAR 2</b> Module 4B	<ol style="list-style-type: none"> <li>1. Proposal presented to University and candidate registers for PhD</li> <li>2. Module 4B dealing with data and statistical analysis of data</li> </ol>	<ol style="list-style-type: none"> <li>1. Module 4 B (dealing with data and analysis of data, writing) Progress monitored by the SATN and Supervisor</li> </ol>
	<b>YEAR 3</b> Module 6	<ol style="list-style-type: none"> <li>1. Writing up the dissertation</li> <li>2. Presentation of dissertation for examination</li> <li>3. Preparation of a paper for publication</li> </ol>	<ol style="list-style-type: none"> <li>1. First and second draft presented to supervisor and assessors</li> <li>2. PhD defense</li> <li>3. Final submission</li> </ol>
	<b>YEAR 4</b> Monitoring and Evaluation	<ol style="list-style-type: none"> <li>1. Examination results and correction where necessary</li> <li>2. Graduation</li> </ol>	PhD Graduation

## 2. The MASTERS PROGRAMME in all disciplines

The curriculum is made up of a 3 module (each module being a week long) residential programme. The modules are facilitated within a cohort model with candidates from various disciplines. Again Supervisors are encouraged to participate in module 1 and 3. The programme is run over a six-month period and enables a candidate to prepare a master's proposal that will meet the requirements of a specific institution. Candidates will possess the theoretical and applied knowledge; comprehensive understanding of relevant techniques, the application and critical evaluation of such techniques and preparation for ethical clearance at institutions.



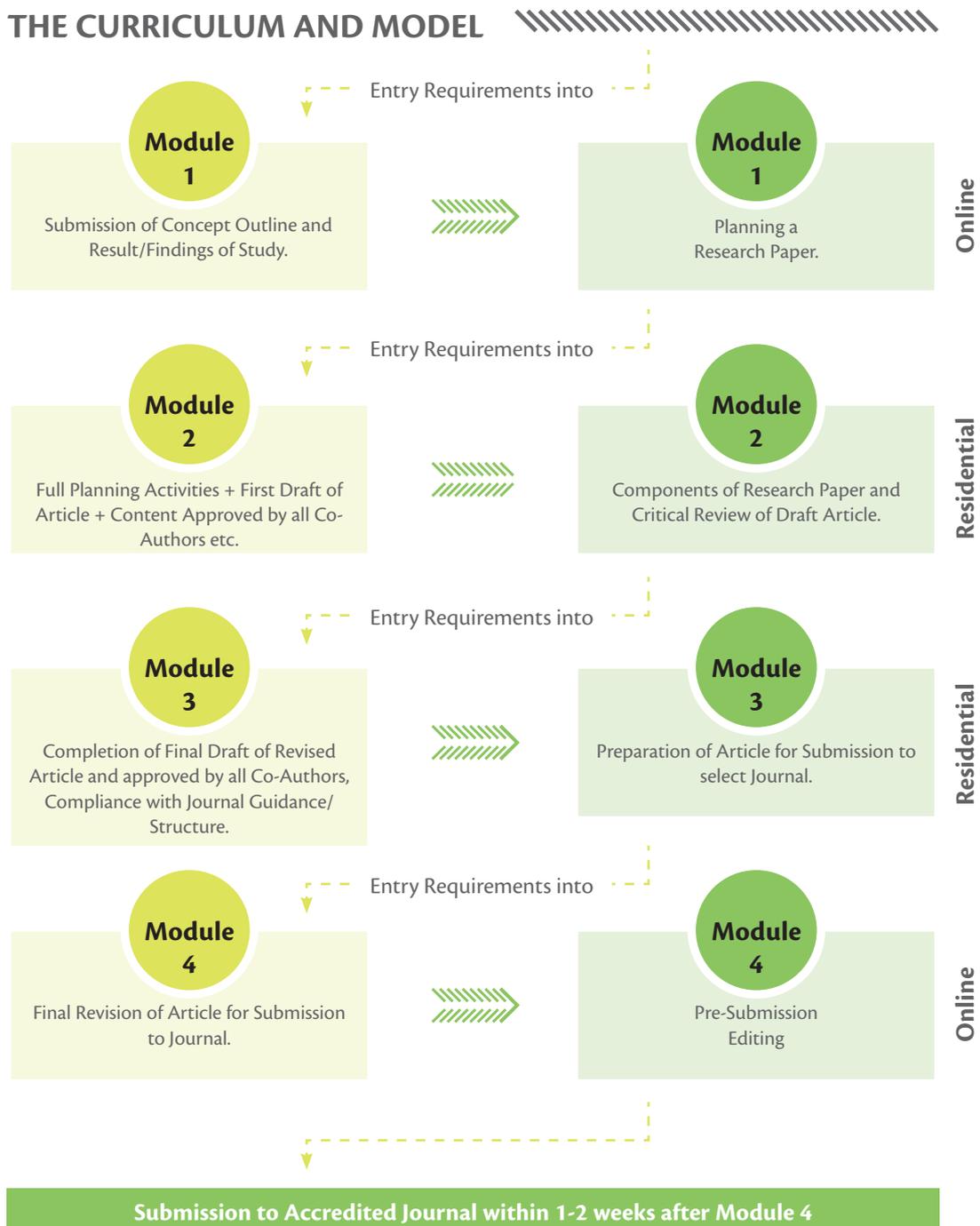
## 3. The SUPERVISOR ENHANCEMENT PROGRAMME in all Disciplines (2 days with 3 month Online Support) and may run concurrently with the PhD Programme

The curriculum is made up of a 3 module (each module being a week long) residential programme. The modules are facilitated within a cohort model with candidates from various disciplines. Again Supervisors are encouraged to participate in module 1 and 3. The programme is run over a six-month period and enables a candidate to prepare a master's proposal that will meet the requirements of a specific institution. Candidates will possess the theoretical and applied knowledge; comprehensive understanding of relevant techniques, the application and critical evaluation of such techniques and preparation for ethical clearance at institutions.

## 4. WRITING FOR ACADEMIC PUBLICATIONS PROGRAMME (3 days with 3 month Online Support)

The general objective of the programme is to contribute to the preparation for the publication of papers in the DHET accredited local and international journals. This is a structured programme that will both enhance the quality of and accelerate the writing and completion of peer reviewed and assessed academic articles that will be supported and tracked through to publication. This programme will ultimately contribute to developing and supporting the global knowledge economy. It is aimed at encouraging the development of a critical mass of a new generation of young writers producing papers in accredited journals.

Modality of the Programme: The Programme includes one on one contact sessions, group sessions and one online support throughout the writing process.



## QUOTATION:

If you are interested in offering the above programmes at your institution, please contact Christelle Venter at: [christelle@satn.co.za](mailto:christelle@satn.co.za) for a quotation.



## CONCLUSION:

All of the above bespoke SATN programme models has been developed by a team of national and international experts, has been tested and refined over a 18 year period and is unique in that they address development and enhancement at the strategic level, the operational level and the individual level. It is envisaged that through these initiatives Universities can expect an increase in the number of staff and students with Masters and PhD qualifications, enhanced supervision capacity and accelerated research outputs.



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