

# IIE Master of Strategic Information and Communication Technology Management

**Faculty Science & Technology**  
School of Computer Science

2 Years Distance Master's | NQF Level 9  
180 Credits | SAQA ID: 122368 | MSIT0901

→ **Online**

## Qualification Description

The IIE Master of Strategic Information and Communication Technology Management will advance and deepen students' specialist knowledge of Information and Communications Technology (ICT) with strong focus on strategic management. Students will be able to demonstrate advanced competencies and skills to design and manage competitive ICT solutions and strategies within organisations.

The IIE Master's graduate will have the ability to conduct a contextual analysis of strategy and manage the responsive development of secure ICT strategies, processes, and projects to enable achievement of strategic imperatives; improve and embed ICT competence to use and deploy the data and knowledge; design and drive governance and security frameworks; strategically manage and develop appropriate human capital to deliver on the ICT strategic imperatives.

## Who Is This Qualification Aimed At?

The IIE Master of Strategic Information and Communication Technology Management qualification is aimed at students who want to advance and deepen specialist knowledge of Information and Communications Technology (ICT), and be able to analyze and manage contextual strategies and development of secure ICT processes and projects, that will

achieve and improve business governance and security frameworks. As well as to manage and develop appropriate human capital to deliver on ICT Strategic imperatives.

## How Will Emeris Support Your Online Learning as a Distance (Online) Student, and How Will It Help Prepare You for the Working World?

Our distance teaching and learning approach is designed to allow you the freedom to self-govern your learning experiences according to your individual needs. You are at the centre of your own learning journey, and by offering curated engagement opportunities, we partner with you to:

- Engage with subject material
- Build understanding
- Develop critical thinking and problem-solving skills
- Manage your work, life and studies
- Succeed in your personal, professional, and academic goals.

**DISTANCE (ONLINE)**



## Admission Requirements

|                                |   |   |  |
|--------------------------------|---|---|--|
| Minimum Admission Requirements | An appropriate HEQSF Level 8 Honours degree;<br><b>OR</b><br>A relevant Postgraduate Diploma or appropriate equivalent.<br><b>OR</b><br>An appropriate Level 8 Bachelor's Degree (480 credits) may also be recognised as meeting the minimum entry requirements to a cognate Master's Degree programme.   |   |  |
|                                | <b>Note:</b><br>An overall qualification average of at least 65% is required, normally.<br>Applicants are required to have previously completed a research report and/or a research methodology module. Alternatively, they will be required to complete a short learning programme in research methods (SRICT020) in addition to their coursework modules. |   |  |
|                                | International   | A SAQA NQF L8 Certificate of Evaluation in an appropriate field   |  |
|                                | Additional Notes:   | All applicants who are eligible for admission to the Master of Strategic Information and Communication Technology Management degree are required to successfully complete and present a research proposal and obtain ethics clearance for the research for their mini dissertation. |  |

Scan the QR Code to learn more about Alternate Admission requirements for:  
RPL | Mature Age Exemptions | USAf International Students | One module outstanding from a Higher Certificate \*If applicable



## Curriculum Structure

| Year 1     |                             |     |         |            |                                |     |         |
|------------|-----------------------------|-----|---------|------------|--------------------------------|-----|---------|
| Semester 1 |                             |     |         | Semester 2 |                                |     |         |
| Code       | Module Name                 | NQF | Credits | Code       | Module Name                    | NQF | Credits |
| SITM9511   | Strategic ICT Management    | 9   | 25      | MEMT9512   | Managing Emerging Technologies | 9   | 25      |
| ITSG9511   | ICT Security and Governance | 9   | 25      | DDDM9512   | Data-Driven Decision-Making    | 9   | 25      |
| Year 2     |                             |     |         |            |                                |     |         |
| Year Long  |                             |     |         |            |                                |     |         |
| Code       | Module Name                 |     |         |            |                                | NQF | Credits |
| MDIS9519   | Mini- Dissertation          |     |         |            |                                | 9   | 80      |

## Career Opportunities

This qualification will open up an attractive range of career options.

These opportunities include, but are not limited to:

- Mid to senior-level ICT Manager
- Information Systems Manager
- Management Consultant
- Business Analyst
- Chief Information Officer
- Chief Technical Officer
- ICT Project Manager

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Please note, details are correct at the time of publication.

## System and Software Requirements

- The appropriate technology equipment and tools are essential.
- A reliable internet connection (we recommend 5-10 GB of data per month), your own device with at least Windows 8 or macOS 10.15 (Microsoft Office 365 is available as a free download for students), and Google Chrome, Microsoft Edge Chromium or Firefox.
- An uninterrupted power supply is also highly recommended.
- For School of Computer Science students, it is advised that you purchase your own 500GB HDD and 8GB RAM minimum.
- Should you wish to run Android Studio on your laptop – you will need the following:
  - Processor: i5/i7
  - RAM: 32
  - HDD: 500GB SSD
- All students in The IIE Master of Strategic Information and Communication Technology Management will be provided with access to a Virtual Machine, where you will be able to run the software required for specific modules in your qualification. Students will be required to complete certain module specific assessments via their Virtual Machine.

## Graduation and Completion Requirements for This Qualification

In order to be awarded this qualification, you must have achieved a minimum final year mark of fifty percent (50%) for all 5 modules in the curriculum.

As a distance (online) student, this qualification is structured to be completed over 2 years. The maximum time for completing a qualification full-time is double the minimum time associated with the qualification, and for part-time an additional year is allowed.

## Where Assessments Are Written in Person

- For students based in South Africa, online students may select any Emeris campus as their Examination Centre.
- An alternative examination centre is only permissible for students studying abroad and those located in a province of South Africa where there is no IIE campus. If there is no IIE campus within reach, an alternative venue will need to be sourced by you. For non-IIE venues, there is an alternative venue levy per module.

## What Are the Benefits of an IIE Distance (Online) Qualification?

The IIE's distance (online) delivery mode provides you with the agility of studying towards a tertiary qualification asynchronously, at different times from different locations. Distance students need to commit to approximately 20-25 hours a week for distance engagement (most of which is after hours) with material and assessments to succeed.

Here are some of the benefits you can expect:

- A sequenced online learning environment that allows you the ability to manage your learning experiences flexibly and autonomously.
- A learner guide designed to lead you through the module material and learning outcomes, empowering you to effectively pace your learning in preparation for assessments.
- Our Learning Management System is designed to break up your learning units into manageable sections which include various activities to support learning.
- Module expert online lecturers that facilitate module teaching and learning support through various technology enhanced mediums.

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- Student Relations Specialists provide administrative and operational guidance and support throughout your academic journey.
- A professionally registered Student Wellness Manager/Counsellor available for short-term, primary counselling services. Additionally, the Student Wellness Manager/Counsellor hosts various webinars and virtual talks on topics that promote a balanced lifestyle as you pursue your academic goals.

## Apply Online

After your application is submitted, we will review your documentation and provide an outcome regarding your chosen study.



## Follow us on social



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