

Data Analytics Specialisation

Course Enrolment Planner

Our Master of IT is industry-focused and prepares students for employment or career progression through a combination of technical and leadership skills. The course is designed to meet the career needs and aspirations of IT professionals, whether they want to pursue a career in specialist IT technologies, cyber security, data analytics, business systems, or IT leadership and management. The Master's program includes a strong focus on building the leadership and integration skills which support the strategic application of IT technologies.

We also recognise that today's business professionals may want a career change into the IT field. Our Master's course is designed to facilitate such a career transition. SISTC also offers multiple entry and exit points so that students can progressively build their qualifications profile.

We offer three specialisations in the Master's program. These are specifically designed to allow students to choose units of study which prepare them effectively for their career choice.



Data Analytics Specialisation

First Year

Study Period 1

ICT501

Foundations of IT

ICT502

Internet and Web Development

ICT503

Database Management Systems

ICT504

IT Project Management

Study Period 2

ICT505

Data Analytics

ICT506

Cyber Security

ICT507

Cloud Computing

ICT508

Management Information Systems

Data Analytics Specialisation

Second Year

Study Period 3

ICT621
Big Data

ICT622
Data Mining

ICT623
Data Visualisation

ICT624
Advanced Data Analytics

Study Period 4

ICT651
IT Research Methods

ICT652
Leadership and Innovation in IT

ICT653
Emerging Technologies in IT

ICT654
IT Capstone Project