School of Information Technology
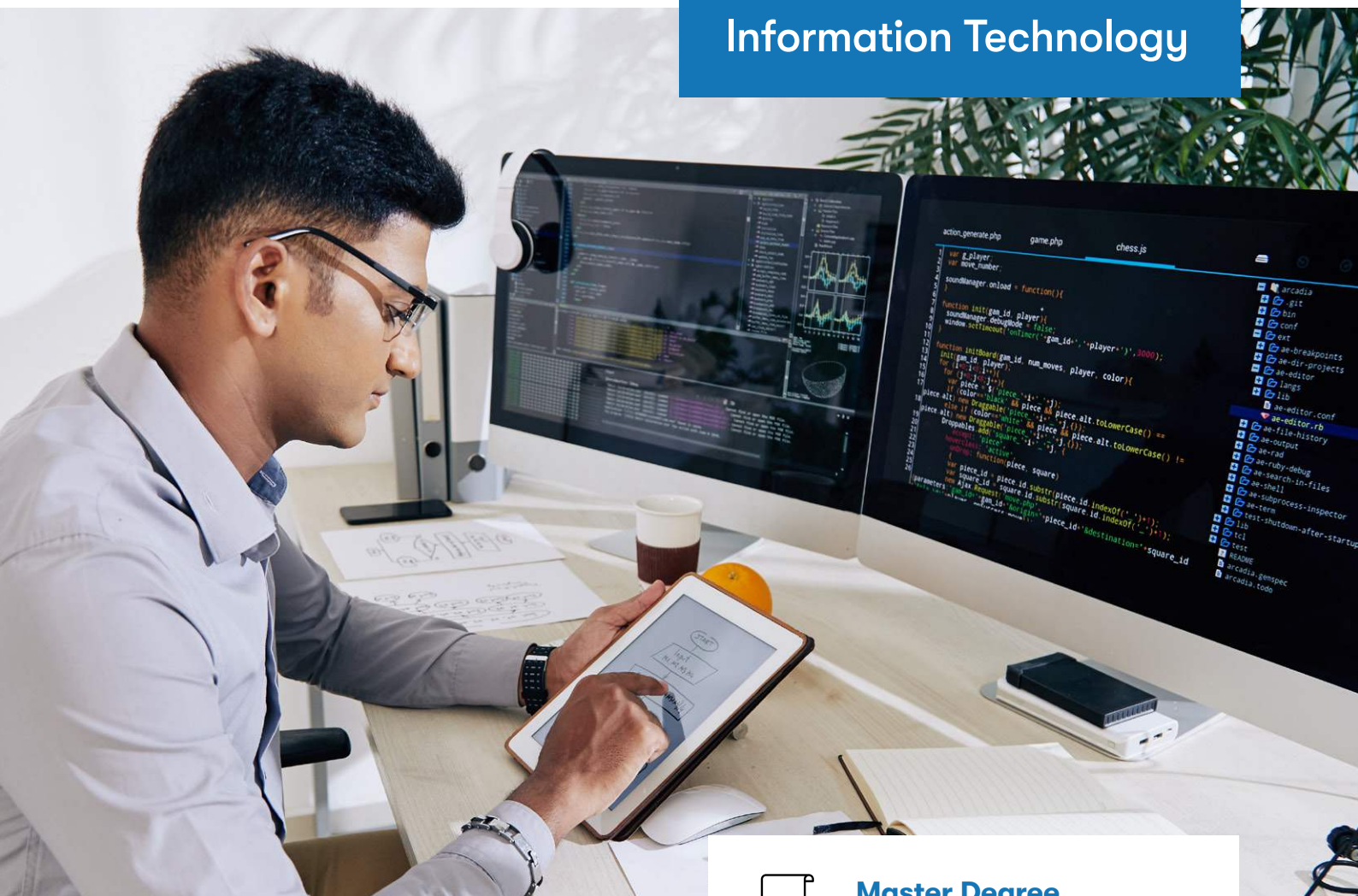
Certificate to Master Level
industry relevant programmes

The Masters of Information Technology offered in two specialisations - Data Science and Cyber Security. Students have an opportunity to achieve industry certifications while completing the masters.

Master Degree
Level 9 • 180 credits

Duration
1 year

Delivery
Distance with some in-person seminars

Next intakes
March, July, November

Whitecliffe College
EST. 1984
40 Years

whitecliffe.ac.nz • 0800 800 300
admissions@whitecliffe.ac.nz

Become ready to move into a specialist or leadership role

Master of Information Technology

This programme builds on a three-year Bachelor's degrees in the same academic field. Two specialisations are offered: Cyber Security and Data Science.

The masters is a taught masters followed by a significant project integrating within a practical or research context. Some specialist courses are 85% aligned with IT industry certifications. Available certification for example: Chief Information Security Officer (CISO).

Graduates of this programme will be able to

The Master's degree positions graduates for specialist and leadership roles. For candidates considering an academic career through doctoral studies, progression from the Masters programme is possible, subject to a student's performance meeting the entry requirements of the receiving institutions.

Further study options

- Doctoral studies

Career opportunities

- Cyber Security Manager
- Cyber Security Consultant
- Cyber Security Analyst
- Security Operations Centre (SOC) Manager
- Penetration Tester
- Security Information and Event Management (SIEM), Administrator
- Network Security Engineer
- Security Consultant
- Governance, Risk Management and Compliance (GRC) Consultant
- Technology Solutions Architect
- Senior Technology Advisor
- Senior Data Scientist
- Data Architect
- Big Data Engineer
- Business Analytics Specialist
- Data Visualization Developer
- Business Intelligence (BI) Engineer
- BI Solutions Architect
- BI Specialist
- Analytics Manager
- Statistician