

# Information Technology

BACHELOR OF INFORMATION  
TECHNOLOGY

## CAREER OPPORTUNITIES

- Software Developer
- Network Engineer
- Cybersecurity Analyst
- Database Administrator
- Systems Analyst
- IT Project Manager
- Web Developer
- Cloud Solutions Architect
- Data Scientist





## INFORMATION TECHNOLOGY

The Bachelor of Information Technology focuses on building a general skill set, along with several specialisations that will help you excel in the world of IT.

The Bachelor of Information Technology will equip you with a range of technical skills for rapidly growing digital industries, complemented with the knowledge of human centric computing, design thinking and media technologies. The Bachelor of IT at Media Design School isn't just about coding and algorithms; it's a dynamic fusion of disciplines that equips you with problem-solving skills for a range of industries.

## WHY CHOOSE A DEGREE IN INFORMATION TECHNOLOGY?

Our programme has been developed to focus on high-demand areas, for skills sought after not just in Aotearoa but also abroad. Upon graduation, you'll have hands-on experience with industry-standard tools and technologies, ensuring you're ready for a flourishing career in the evolving IT landscape that extends beyond telling your parents to click that icon. No... that icon. NO! THE ICON IN FRONT OF YOU! IT'S RIGHT THERE! (This may or may not be a direct quote).

## INDUSTRY PARTNERS:



# 65%

## INCREASE IN CYBERSECURITY ROLES

Partnership announced to address urgent cybersecurity skills shortage, Microsoft news centre, March 2023.

*as reported by Microsoft*

# TOP 10

## RECRUITED-FOR ROLES

include Software Engineer, Cybersecurity Analyst, Software Developer, Data Expert

*New Zealand 2023 Digital Skills Survey, NZTech & Toi Mai, March 2023*

# 1,000+

## NEW ROLES CREATED

across software and application programmers and ICT managers alone in 2021.

*Ministry of Business, Innovation and Employment, March 2023.*



**MASTER THE SKILLS TO NAVIGATE THE BACK END OF CYBERSPACE, TO BECOME INVALUABLE IN CURRENT AND FUTURE TECH INDUSTRIES**

# Information Technology

- CA0107 Computer
- CBS131 Cyberse
- ICC104 Introdu
- ISE102 Introdu
- MIS100 Foundat
- MIS102 Data an
- CEN207 Creativ
- EPT232 Ethical
- HCD206 Human C
- IPP221 IT Prof
- NDS203 Network
- USD241 User+ S
- ATW306 Advance
- CLA321 Cloud A
- ECG334 Enterpr
- SBD303 Secure I
- SIA322 Smart I

## SOME OF WHAT YOU'LL STUDY

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### **Ethical Hacking and Penetration Testing**

Gain the knowledge and skills to become a White Hat, through ethical hacking to test system vulnerability in order to propose security recommendations.

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### **Cloud Architecture**

Learn how to design, construct and test Cloud architecture while considering relevant governance, cybersecurity and IT service requirements.

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### **Cybersecurity Principles**

Grow your fundamentals in cybersecurity to identify and mitigate the impact of security threats on contemporary business environments and provide solutions.

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### **Advanced Tech: Work Integrated Learning**

Get work experience through technology companies as an intern, or through working on live briefs set by industry.

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### **Data and Networking**

Develop fundamental knowledge and skills related to data and networking systems in a project based environment.

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## PART-TIME LEARNING

Reduce your workload to enable you to work while you study, by taking our Bachelor of Information Technology part-time.

If you choose the part-time study option, we'll work with you to create an individual study plan and map out together the courses you'll take in each semester and year.

To find out more about the Bachelor of Information Technology, get in contact with our team at [domestic@mediadesignschool.com](mailto:domestic@mediadesignschool.com) or [international@mediadesignschool.com](mailto:international@mediadesignschool.com) for international students.

For up-to-date and comprehensive course information, including dates and fees, visit [mediadesignschool.com](https://www.mediadesignschool.com).



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