MASTER OF BUSINESS INFORMATICS – HEALTHCARE INFORMATICS STRAND

The Healthcare Informatics strand equips students with skills in healthcare data management, analytics, and system security, focusing on digital healthcare design and data safety. Through practical applications, students tackle complex data challenges to drive innovation and improve healthcare outcomes.

Market Value
USD $91.51 Billion
The estimated value of the global HealthcareInformatics market by 2031.
Source: Coherent Market Insights

Annual Growth
12.7%
The annual growth rate of the global Healthcare Informatics market is estimated to be.
Source: Coherent Market Insights

Annual Growth
20-25%
The Healthcare Informatics job market is projected to grow annually by this rate through 2030.
Source: Resource Noodle

Post Study Opportunities

International students who complete a degree or post-graduate qualification will have access to **Post Study Work Visa**[1].

It allows you to stay and work in New Zealand for up to 3 years, depending on your level of study and how long you studied in New Zealand.

Career Outlook

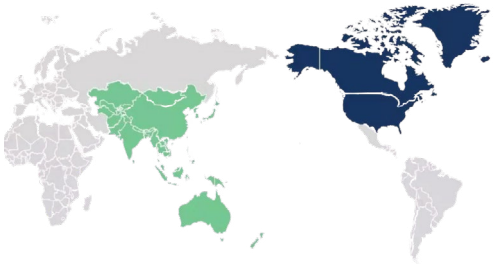
The Healthcare Informatics sector has grown significantly due to technological advancements and global healthcare reforms. The adoption of **electronic health records, telemedicine,** and **big data analytics** has boosted demand for professionals skilled in **health data management** and **analysis**.

The integration of technologies like AI and genomics into healthcare further elevates the need for tech-savvy experts capable of handling complex datasets and innovative systems. Key roles such as **health informatics specialists, clinical data analysts,** and **health IT project managers** are in increasing demand.

Global Healthcare Informatics Market Regional Insights 2024

Total Market Size: 39.55 Billion

Source: Primary Research, Desk Research, Paid subscriptions, CMI Data Repository



Career opportunities

- Healthcare IT Project Manager
- Healthcare Data Analyst
- Healthcare Information Security Analyst
- Healthcare Systems Analyst
- Digital Healthcare Consultant
- Health Data Manager
- Health Informatics Consultant
- Health Information Management
- Informatics Director
- Clinical Informatics Analyst
- Clinical Data Analyst
- Telemedicine Specialist

1. Find out more at www.immigration.govt.nz/new-zealand-visas/visas/visa/post-study-work-visa

86%

of our students continue to further study or secure employment

1,800+

students successfully trained each year at Yoobee

30+

We've been in the business for more than 30 years

1

Part of UP Education, the largest private tertiary education business in New Zealand

4

campuses located across New Zealand

(Auckland, Wellington, Christchurch)

WHY CHOOSE YOOBEE?

SKILL GAP SOLUTION

This programme addresses the skill gap in New Zealand and globally, blending healthcare knowledge with informatics to help you manage health data, improve outcomes, and drive innovation. Master EHR systems, data security, and AI solutions to lead in modern healthcare.

CUTTING-EDGE TECHNOLOGIES

Digital Healthcare Design, Health Analytics and Data Safety in Healthcare System, enabling graduates to respond to the latest tech developments.

EMPLOYER-ALIGNED CURRICULUM

Constant curriculum reassessment ensures students gain skills that are in demand, with full access to industry-standard equipment.

EXPERT GUIDANCE AT YOOBEE

Our industry-experienced tutors who not only have vast expertise but also excel in teaching, supported by partnerships with tech leaders.

PRACTICAL ASSESSMENTS

No traditional exams; assessments are project-based, both individual and group, mirroring real industry practices.

INDUSTRY-RECOGNISED CERTIFICATIONS

You can access to AWS certifications and IBM Digital Badge Certifications, along with an opportunity to receive a data-rich digital badge from Cisco Networking Academy. These are all recognised in the tech industry, enhancing your career opportunities.

AWS certifications are globally recognized professional credentials offered by Amazon Web Services. It validate students' expertise in cloud computing and AWS services.

Cisco badge is a digital credential from Cisco Networking Academy, widely recognized in the tech industry.

IBM certifications validate students' proficiency in IBM's technologies and solutions.

Yoobee is a member of Health informatics New Zealand. Students can access to networking opportunities, professional development events, and insights into health informatics trends.

Master of Business Informatics – Healthcare Informatics, Level 9

SCAN TO LEARN MORE

QUALIFICATION
Master of Business Informatics

DURATION
1 year (3 trimesters)

NZQF LEVEL
Level 9

2026 INTAKES
26 Jan*, 7 Apr, 27 Jul, 16 Nov

CAMPUS
Auckland, Christchurch

TUITION FEE
$37,000 NZD

RESOURCE FEE
$2,000 NZD

ADMINISTRATION FEE
$400 NZD

SCHOLARSHIP
A scholarship of up to NZD **$10,000** is available for a limited number of students.

How to apply:

- Submit a personal statement **OR**
- Participate in a scholarship interview.

* This intake is available only at the Auckland campus.

WHAT WILL YOU LEARN?

TRIMESTER 1

Start with foundational learning in strategic information systems, data management, and research methods, essential for analysing and interpreting business data.

- **Strategic Information Systems Planning**

You will learn to critically evaluate current systems, identify opportunities, and develop tailored solutions for complex challenges in business settings.

- **Information Systems Analysis and Design**

You will learn to evaluate data models, apply user-centered design, and implement various SDLC methodologies.

- **Database Management Systems**

You will explore data warehousing and business intelligence by developing skills in database design, SQL querying, and data security, emphasisng ethical and cultural considerations, including Māori data ownership under Te Tiriti o Waitangi.

- **Research Methods**

You will have the opportunity to learn about Kaupapa Māori research frameworks and ethical considerations for working with indigenous communities.

TRIMESTER 2

Develop expertise in data analytics and warehousing to drive informed business decisions through practical business strategy skills.

- **IT Project Management**

You will gain expertise in project planning, budgeting, scheduling, and risk management, learning to select and apply the right project management methodologies, such as Agile, Waterfall, and PRINCE2.

- **Digital Healthcare Design**

You will learn to create user-centric solutions for healthcare challenges. The curriculum covers a wide range of technologies, including EHRs, telemedicine, and mobile health apps, with a focus on improving patient care and organizational efficiency.

- **Health Analytics**

You will learn to ethically analyze diverse healthcare data to improve patient outcomes, optimize operations, and support evidence-based decision-making.

- **Data Safety in Healthcare System**

You'll learn to evaluate the risks to healthcare data security, including cyberattacks and breaches, and develop strategies to mitigate these threats.

TRIMESTER 3

Through a capstone project, you'll tackle a real-world issue in business analytics, honing your skills in data interpretation and solution-oriented analytics for industry application.

SOFTWARE

Throughout your study you will use a range of open-source software. Yoobee will also offer subscriptions with IEEE Xplore, computer society digital library (CSDL) and O'Reilly digital media.

IEEE Xplore Digital Library O'REILLY

EQUIPMENT

You are required to bring your own device. This allows flexibility of study outside of class hours. If you do not own your own device, please discuss this with one of our team at enrolment.

Components of your device	Minimum Specs	Recommended Specs
CPU	Intel Core i5, or better	Intel Core i5, or better
Memory	8 GB	16 GB
Disk	256 GB SSD	512 GB SSD
Screen Resolution	1280 x 800	1920 x 1080

Entry Requirements

International students must be at least 18 years old when commence the course.

ACADEMIC

- A Bachelor's Degree or Graduate Diploma in informatics or health-related subject from a recognised institution, **OR**
- Evidence of acquiring the relevant skills and knowledge through appropriate work or professional experience in healthcare data management, analysis or a related area.

ENGLISH

IELTS 6.5 (Academic) with no band lower than 6.0 or equivalences approved by NZQA.

Optional Online Preparatory Course

As part of the Master of Business Informatics (MBI) student experience, students who choose to enrol in the programme will receive complimentary access to Yoobee's exclusive online preparatory course upon request. Designed as a flexible, self-paced learning resource, the course provides an opportunity to refresh and strengthen quantitative and analytical skills before classes begin, helping students start their studies with confidence.

Employability

Pay for business analysts varies depending on skills, experience and where you work, with pay in Auckland being higher.

» Business analysts usually earn
$90K to $140K

» Senior business analysts can earn
$120K to $160K

» Team leaders and managers can earn
$150K to $180K

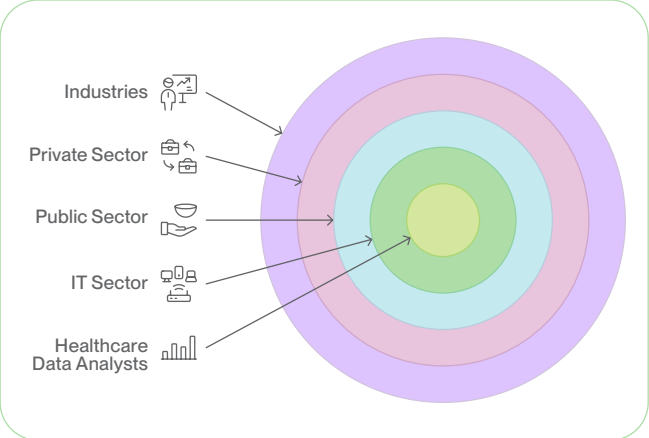
» The median business analyst salary in New Zealand
$100,131 per year **$51.35 per hour**

Sources: Recruit I.T., 'Technology and Digital Market and Salary Update NZ', November 2024; and careers.govt.nz, NZ Talent, 'Software Engineer average salary in New Zealand, 2024.

Note: campus availability might be subject to change in each intake. International Tuition and Resource fees are in New Zealand Dollars and include GST. Every effort was made to present accurate information in this publication at the time of publication 28 November 2025. UP Education reserves the right to change this information at any time.

Job Opportunities

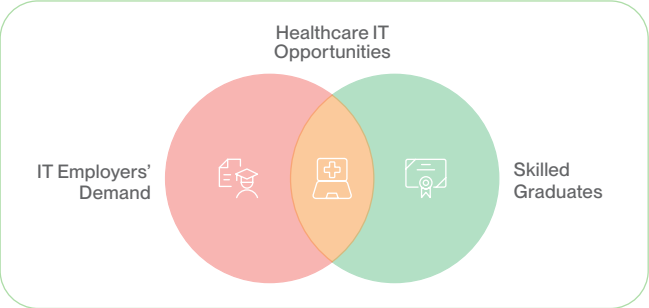
DEMAND FOR HEALTHCARE ANALISTS



Demand for healthcare data analysts is high due to:

- Public and private sector employers who need healthcare analysis skills.
- The need for skilled healthcare analysts in the IT sector.

BRIDGING THE SKILLS GAP IN HEALTHCARE IT



There are not enough experienced business analysts to meet demand. Nearly two thirds of IT employers report skills shortages, and there aren't enough IT trainees.

Healthcare Informatics graduates are in high demand across medical practices, hospitals, health IT startups, government agencies, and private sector corporations, including insurance companies and pharmaceutical firms.

KEY COMPANIES IN NEW ZEALAND AND AUSTRALIA'S HEALTHCARE INFORMATICS INDUSTRY

PHILIPS · accenture · aws · Deloitte. | servicenow · Te Whatu Ora Health New Zealand · imprivata · InterSystems Creative data technology · Microsoft · ORACLE Health