

Postgraduate Certificate in Business Analytics [Level 8]

The philosophy of the Postgraduate Certificate in Business Analytics is to develop independent industry professionals and provide relevant, challenging professional development for those already in roles where analysis, manipulation (wrangling) and useful insights from data is part of their everyday role.

The aim of this programme is to produce work ready graduates who can apply advanced skills and begin or advance their careers as Business Analysts, Data Analysts, Business Intelligence Officers, Database Analysts, Business Insights Executives or Consultants.

Unlock your business potential now by enrolling in this new programme!

Campus	EIT Hawke's Bay (on-campus and online options)
Starts	February, May, July and October
Length	Six months full-time (or up to three years part-time)
Contact	Jane Hay Phone: 09 979 9418 Email: jehay@eit.ac.nz



Unlock your business potential

This programme begins by scaffolding you into understanding and using advanced data manipulation techniques and common software tools to produce data driven spreadsheets.

The following courses build on this knowledge and advances skills so that you will learn and experience more sophisticated and specialized data manipulation techniques along with using dashboard software (such as Power BI).

By the completion of the programme, you can apply these skills to a real workplace scenario by completing an applied capstone.

The typical student study pathway and programme structure is shown below. You will complete three compulsory courses:

- ▶ PGQM8.400 Quantitative Methods and Contemporary Tools (Pre-requisite for PGDAV8.100 and LSCPG8.500)
- ▶ PGDAV8.100 Data Analytics and Visualisation
- ▶ MAPM8.160 Strategic Financial Management

Followed by one of the following electives:

- ▶ PGST8.100 Special Topic
- ▶ PGWIL8.100 Work Integrated Learning
- ▶ ITPG8.400 Impact of Computing on Society
- ▶ DBPG8.200 Digital Marketing
- ▶ LSCPG8.500 International Supply Chain Management
- ▶ MAPM8.700 The Contemporary Global Business Environment

Study Pathway

Full-time study has a prescribed course structure:

- ▶ Term 1: PGQM8.400 Quantitative Methods and Contemporary Tools and MAPM8.160 Strategic Financial Management.

- ▶ Term 2: PGDAV8.100 Data Analytics and Visualisation and one of three electives.

Part-time study has a semi-prescribed course sequence:

- ▶ PGQM8.400 Quantitative Methods and Contemporary Tools is studied first.
- ▶ Then (in any order) PGDAV8.100 Data Analytics and Visualisation and MAPM8.160 Strategic Financial Management.
- ▶ Then one of three electives.

Those who have an interest in Logistics may complete their studies by studying LSCPG8.500 International Supply Chain Management. Those who are in the workplace, may wish to complete their studies by engaging in a workplace project, others may elect a topic or applied project in which to extend their skill set.

In all cases, the specific courses that make up your pathway will be planned by the Programme Coordinator and yourself to ensure that:

- ▶ You are able to achieve the programme requirements over the duration of your study.
- ▶ You are able to achieve your desired educational outcomes from the courses chosen.
- ▶ The timetabled course contact hours for the chosen courses are compatible.
- ▶ Courses selected are not equivalent to any of the courses in the entry qualification.

In exceptional circumstances, and with the approval of the Programme Coordinator, individual students may seek to complete their certificate by selecting an alternative Level 8 elective from any other EIT programme.

YOUR FUTURE CAREER OPPORTUNITIES

Typical opportunities after graduation include work opportunities as a: Business Analytics professional, Data Analyst, Consultant, Business Intelligence Officer, Database Analyst and Business Insights Executive.

WHAT YOU NEED TO KNOW

Postgraduate Certificate in Business Analytics

Level	Level 8	Credits	60
Length	Six months full-time or up to three years part-time	Fee*	\$935 approximately per 15 credit course

* This is a guide only based on the previous year. All costs quoted include GST and student services levy. Fees apply to New Zealand citizens and New Zealand permanent residents only.

2022 KEY DATES

INTAKE ONE

Programme starts Monday, 14 February

INTAKE TWO

Programme starts Monday, 2 May

INTAKE THREE

Programme starts Monday, 18 July

INTAKE FOUR

Programme starts Monday, 3 October

EIT TERM HOLIDAYS

15 - 29 April

4 - 15 July

19 - 30 September

YEAR ENDS

Friday, 2 December

INDUSTRY-BASED TRAINING

Students completing PGWIL8.100 Work Integrated Learning will undertake a workplace project grounded in an aspect of business analytics.

TIMETABLE

Your study time will be made up of contact time (class times, tutorials) and non-contact time (your own individual study time, online learning).

Contact Time

There are four (4) contact hours per week per course (on-campus or online).

Non-contact Time

Full-time students should plan to spend 16 hours per week, per course (including assessment preparation) on individual study.

ENTRY CRITERIA

A personal interview is available as part of the application process.

Applicants must meet one of the following criteria:

Standard Entry

- ▶ An NZQF-listed undergraduate degree (or equivalent)

Provisional Entry*

- ▶ Applicants who do not meet the criteria above, but present evidence of ability to succeed (e.g. maturity, life experience, work experience, other study); or
- ▶ Those who narrowly fail to meet the entry criteria above.

*Please note: this normally requires an interview and is at the Dean's discretion.

ENGLISH LANGUAGE ENTRY REQUIREMENT

If English is not your first language you are required to have attained an acceptable level of English language fluency. This may be demonstrated in a variety of ways, including successful study in English, approved scores on TOEFL or IELTS (6.0 Academic) tests, completion of accepted international equivalents, or completion of an EIT Hawke's Bay language assessment. In addition, students are required to show evidence of good school records.

ENTRY WITH CREDIT

You may already have some knowledge or skills that can be recognised as part of your intended study. This may take a number of different forms including study at any other tertiary institution, life or work experiences and workplace training can also be considered. If you think you qualify, you can apply for Cross Credit (CC) or Recognition of Prior Learning (RPL).

- ▶ CC is based on the equivalency of courses or qualifications. You would apply for CC if you have passed a very similar course at the same level.
- ▶ RPL is based on the assessment of your current knowledge and skills. You would apply for RPL if you had gained the relevant knowledge and skills through life experiences and informal learning situations.
- ▶ There is a fee for RPL.

You will be asked to provide details of anything that you would like to be considered as credit toward your intended programme of study, as part of your application.

CC and RPL cannot be awarded for a course if you are enrolled in that course. An original transcript or notice of results from the institute

at which you previously studied (or verified copies) will be required for all applications.

For further information and enquiries about CC and RPL please contact Jane Hay, the School of Computing Postgraduate Programmes Secretary, on 09 979 9418 or email jehay@eit.ac.nz.

FACILITIES

The campus is a pleasant environment for study with a range of general-purpose rooms and lecture theatres all with data projector equipment. In the state-of-the-art Information Technology Complex there are nine networked computer laboratories with 24 student stations in each. The library provides plentiful computer workstations with seven-day access for students, group meeting rooms and a wide range of academic resources.

ASSESSMENTS

All assessments in the School of Business courses are marked internally. Assessments include assignments, tests, case studies and practical tasks. Assessment is continuous throughout the term.

THE EXPERIENCE YOU NEED & THE SUPPORT TO SUCCEED

When you study at EIT you'll get the kind of experiences that will help you gain the knowledge and skills to get ahead.

You'll also be supported by lecturers and tutors who are here for you, within a learning environment where you are treated as an individual, not just a number. They'll know your name and you'll receive one-on-one attention to make sure you get the support to succeed.



HOW TO ENROL

There is an easy 3-step process to follow when enrolling at EIT.

STEP 1

Check out the programmes online to see the programmes available for you to study. A copy of the course information for each programme is available online.

STEP 2

You can now use your RealMe verified identity to apply for study at EIT. If you use your RealMe verified identity you will no longer be sent a copy of your application form to sign. You also will not need to provide us with a copy of your primary ID.

If you apply online without using RealMe then you will be sent a summary of your enrolment to check and sign. Your enrolment cannot progress until you have sent this back to us. Please return this quickly along with any documentation we request from you.

You can also apply using a paper enrolment form. Please call us on **0800 22 55 348** and we will send you one out.

You will receive an acceptance letter from your Faculty with programme information. This will include the start date of your study and any special information regarding your programme.

It may also include course selection forms which you need to complete and return to EIT. Depending on your chosen programme of study, you may be invited to attend an interview before you are accepted.

STEP 3

Arrangement for full payment of enrolment fees must be made before the start of your programme. You will receive an invoice with payment details.

Fees-Free government scheme: Tertiary education is fees-free for eligible domestic tertiary students. To check if you are eligible, go to **FeesFree.govt.nz** and enter your National Student Number (NSN). If you are not eligible you will be responsible for paying your fees.

Scholarships and grants: Scholarships and grants make life easier by helping to cover your fees, other costs and living expenses while you study. You don't always need to be an academic high-flyer to qualify. You can find out more about scholarships and other options for paying your fees at **eit.ac.nz**.

StudyLink: If you need to pay for your own study you can choose to apply for your Student Loan and Student Allowance with StudyLink. You should do this early, even if you haven't yet been accepted on your programme. You can change your details later if anything changes. Visit **studylink.govt.nz** to find out more about StudyLink.

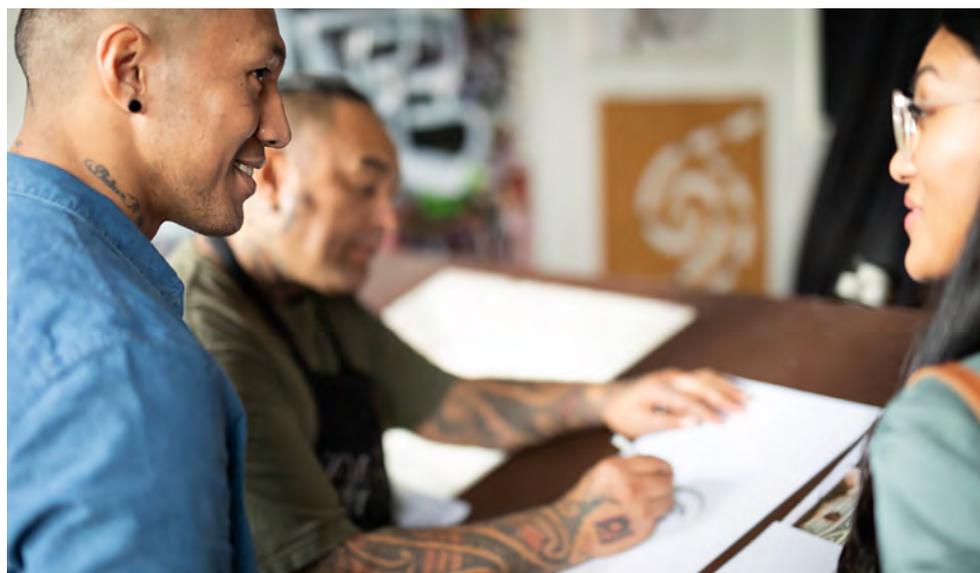
STUDENT SERVICES LEVY

The Student Services Levy is a compulsory non-tuition fee that is charged to students enrolled at EIT. The levy is to contribute to the provision of quality student services that support learning. The funds received by EIT from the levy are ring-fenced, meaning they can only be spent on student services.

STUDENT LOANS AND ALLOWANCES

StudyLink is a service of the Ministry of Social Development. Apply well before your programme begins (even if you haven't been accepted yet) so you'll be ready to get your payments when you need them most.

Check out what you qualify for at studylink.govt.nz.



THE EXPERIENCE YOU NEED
& THE SUPPORT TO SUCCEED



EASTERN INSTITUTE OF TECHNOLOGY

EXPERIENCED LECTURERS

You can be confident in the quality of our teaching and your learning experience at EIT.

EIT is one of the top ITPs in New Zealand for research excellence due to the quality of our community centred research, and associated publications and level of government and external grant income. This means that your lecturers use the latest knowledge and research in their field of expertise to inform their teaching, and many are at the forefront of knowledge creation within their discipline area.

Our lecturers are highly trained professionals with particular areas of expertise in accountancy, management, economics, law, computing, marketing and statistics. Staff also maintain contacts with other professionals through organisations such as Chartered Accountants Australia and New Zealand, CPA Australia, New Zealand Law Society, New Zealand Institute of Management and New Zealand Association of Cooperative Education.

NAME	QUALIFICATION	NAME	QUALIFICATION
Dr Jonathan Sibley Programme Coordinator	PhD, MBA (Dist), BA, F Fin	Dr Robert Davis	PhD
Dr Emre Erturk	PhD, MS, BA	Dr Dobrila Lopez	PhD, MEng, GradDipIT, BE, CertIT
Dr Farhad Mehdipor	PhD, MSc, BSc	Stuart McAdam	MA (Hons), MA, PGDipBus, BA, CertIT
Dr Surej John	PhD, MBA (Mktg), BEng	Owen McCaffrey	MA (ApplLinguistics), PGDipSLTchg, BMS (Fin)

COURSE DESCRIPTIONS

In the following descriptions: Pre-requisite = courses which must be studied before.

COURSE NO.	BRIEF DESCRIPTION	NO. OF CREDITS	NZQA LEVEL
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Compulsory Courses

PGQM8.400	Quantitative Methods and Contemporary Tools The aim of this course is for students to develop knowledge and skills in quantitative data analysis techniques and contemporary tools used by organisations.	15	8
PGDAV8.100	Data Analytics and Visualisation The aim of this course is to provide students with learning opportunities to develop advanced knowledge and skills in data analytics and data wrangling for effective data-driven decision making and data visualization. <i>Pre-requisite:</i> PGQM8.400 Quantitative Methods and Contemporary Tools	15	8
MAPM8.160	Strategic Financial Management The aim of this course is to further develop students' knowledge and skills of the finance function and analytical techniques used to guide strategic financial decision-making.	15	8

Elective Courses

PGST8.100	Special Topic I The aim of this course is to develop students' knowledge, skills and techniques related to research and problem solving, and to support them in applying these in a small-scale study addressing an existing or emerging problem or issue in their discipline or industry.	15	8
PGWIL8.100	Work Integrated Learning This course aims to support students in advancing their discipline specific knowledge and skills in a workplace context or with a client by investigating systems and processes to identify issues or problems and developing relevant recommendations.	15	8
ITPG8.400	Impact on Computing on Society To encourage students to critically evaluate the impact of computing on society and understand how to address the issues that IT professionals face as a consequence of technology advances.	15	8
DBPG8.200	Digital Marketing This course aims to allow students to develop advanced knowledge and skills related to digital marketing within the global business environment.	15	8
LSCPG8.500	International Supply Chain Management The aim of this course is to enable students to develop advanced knowledge and skills in designing, managing and improving international logistics and supply chain management networks.	15	8
MAPM8.700	The Contemporary Global Business Environment This course aims to develop the knowledge and skills necessary to manage and develop organisations in the contemporary networked, globalised and constantly evolving business environment.	15	8