



TAFE NSW

# BACHELOR OF INFORMATION TECHNOLOGY (DATA ENGINEERING)

COURSE CODE:

**HE20525V04**

## WHY CHOOSE TAFE NSW?



**Opens career doors.** Our industry relationships lead many students directly into work with a range of employers including agencies, studios, galleries and fashion houses.



**Global prospects.** TAFE NSW graduates possess the technical knowledge, creative-thinking and specialised skills that are highly sought after by employers around the world.



**State-of-the-art facilities.** Purpose-built creative studios and industry standard software mean you will master the same tools of the trade as leading professionals.



**Industry exposure.** TAFE NSW partners with industry to provide you with hands-on experience through networking, sponsor programs, competitions, talks, lectures and other creative industry events.



**Recognised and respected.** TAFE NSW has built its reputation on delivering trusted, industry aligned and nationally recognised training for over 130 years.

**ENROL TODAY**  
**TAFENSW.EDU.AU**  
**131 601**

**BE AMBITIOUS**

**COURSE CODE**

HE20525V04

**QUALIFICATION**

Bachelor of Information Technology (Data Engineering)

**TRAINING PACKAGE ENTRY REQUIREMENTS:****MINIMUM ELIGIBILITY REQUIREMENTS**

Applicants are required to hold, at minimum, one of the following to be considered eligible for admission:

- a NSW HSC (Higher School Certificate) or equivalent OR
- a recognised Tertiary Preparation Certificate OR
- a qualification from a Registered Training Organisation at Certificate IV level or above OR
- the completion of at least one year full-time or equivalent study at university or accredited higher education institution.

**ADDITIONAL REQUIREMENTS**

In addition to the minimum eligibility requirements all applicants are required to:

- submit a short written piece (maximum 1000 words) outlining why you wish to work in the field of data engineering, and
- attend an interview.

**SPECIAL ADMISSIONS**

If you do not meet the minimum eligibility requirements for this course, you may be able to apply for entry into this course based on mature age or disadvantage. Contact the course coordinator for details of evidence that you should attach to your application.

**INTERNATIONAL APPLICANTS**

International applicants must meet proof of eligibility and course entry requirements. In addition, international applicants whose first language is not English must demonstrate English proficiency at a minimum IELTS level of 6.5 with a minimum level of 6 in any one band. Further information please check the [TAFE NSW International Australia website](#) for details on fees and enrolment processes for international students.

**■ On campus****■ Full Time****CAREER  
OPPORTUNITIES**

On successful completion of this course you will be able to work in a range of roles related to the management of security of big data.

**OVERVIEW**

The Bachelor of Information Technology (Data Engineering) is a three year degree which will give you the skills you need to build data systems, architecture and platforms to support big data solutions. Big data is a fast evolving field in business and commerce and there is a growing demand for professionals with the experience to build IT solutions to manage big data.

In this course you will develop a thorough understanding of concepts and methodologies, as well as a comprehensive knowledge of networking, technology and systems, data security and infrastructure engineering. As well as developing an understanding of the theory, you will develop analytical and critical evaluation skills that you will apply to practical projects and simulate real workplace contexts.

This degree is taught by industry practitioners and there are many opportunities to

collaborate on industry projects which will prepare you to enter the profession as well as establish industry contacts.

This course requires the completion of 24 subjects with full-time students typically enrolling in 4 subjects per semester.

Further information about this course is available on the [TAFE NSW Degrees website](#)

CAMPUS	STUDY MODE	START DATE	DURATION	FULL FEE	HOURS PER WEEK
Meadowbank	Full Time, On campus	14 Feb 2022	3 years	\$31,440.00	20