Diploma of Data Analytics

Diploma of Data Analytics

School of Arts & Sciences

Do you love data? The University of Notre Dame Australia's Diploma of Data Analytics will give you the skills and knowledge to deal with data in various workplaces. Our course covers foundation statistical and computing skills, the capabilities and ethical implications of data analytics, and real-world analytics. This program will give you the essential skills and knowledge for employment across various industries and prepare you for further studies in fields in which data analytics is applied. Start your education journey today.

Why study this program?

If you have a head for numbers and analytics, this cadet-style course will prepare you for the workplace. Big data has transformed the skills and knowledge required of

employees across the public and private sectors. The demand for employees who can use data to improve processes, systems and outcomes is increasing rapidly.

The Diploma of Data Analytics is a cadetship-style program, ideal for students without a computing background seeking to upskill in STEM. This includes teachers required to develop coding and computational thinking skills and those who aim to enhance their industry or professional experience with a recognised academic qualification.

Program summary

With a focus on fundamental data analytics, this course covers foundation statistical and computing skills, the capabilities and ethical implication of data analytics, and real world analytics.

This program gives students the essential skills and knowledge for employment across a range of industries and prepares them for further studies in fields in which data analytics is applied.

The required courses for this program are:

- MATH1020 Statistics or BUSN1030 Quantitative Methods for Business
- DATA1000 Introduction to Data Analytics
- DATA1001 Principles of Programming
- DATA2000 Data Visualisation & Communication
- DATA2001 Predictive Analytics
- DATA2002 Analytics, Ethics and Society
- DATA2003 Data Analytics Project

core-curriculum

Core Curriculum

- CORE I: Foundations of Wisdom
- CORE II: Elective
    - Electives in philosophy and\or theology
    - Professional embedded electives that integrate studies in a profession with philosophy and\or theology
    - An option to undertake a pilgrimage embedded in the study of the philosophy and theology of pilgrimage, e.g., World Youth Day
    - An option to undertake a course that integrates philosophy & theology with community service and charity work
    - An option to undertake an elective in philosophy, theology, and the liberal arts contained within an international experience

Full details of the program requirements are contained in the Program Requirements (https://www.notredame.edu.au/__data/assets/pdf_file/0025/193 of-Data-Analytics.pdf).

arts&sciences

More information regarding courses can be found at the course descriptions pages Fremantle (https://www.notredame.edu.au/about/schools/fremantle/arts-

and-sciences/course-descriptions) [Sydney (https://www.notredame.edu.au/about/schools/sydney/arts-and-sciences/course-descriptions)](https://www.notredame.edu.au/about/schools/sydney/arts-and-sciences/course-descriptions).

Please note: The availability of these courses and teaching staff is indicative only and may be subject to change.

Entry requirements

To be eligible for admission to The University of Notre Dame Australia, all applicants must meet the University's minimum requirements for admission. The requirements for admission are detailed in the University's [Policy: Admissions (https://www.notredame.edu.au/__data/assets/pdf_file/0027/596 Admission-and-Credit.pdf)](https://www.notredame.edu.au/__data/assets/pdf_file/0027/596Admission-and-Credit.pdf).

Learning outcomes

At the completion of this course, graduates should be able to:

1. Apply knowledge of statistical and computational models and concepts
2. Design analytics solutions to solve real-world problems
3. Apply data visualisation techniques effectively to communicate insights and recommendations
4. Analyse ethical issues in the application of analytics
5. Meet specifications and deadlines and report outcomes in order to achieve personal and team goals

Career opportunities

Graduates of this diploma course will be prepared for a career in data analytics. The diploma is a stepping stone to further study in this field.

Real-world experience

You will learn from our academics, who are leaders in their field. There are no practicum requirements for this program.

Study abroad

A global perspective adds a valuable dimension to your university education. At Notre Dame University you can study while experiencing the world. We encourage students to become active global citizens through a range of exchange programs, professional placements, study tours, and volunteer opportunities. Visit <u>International Opportunities (https://www.notredame.edu.au/study/international-students)</u> to find out more.

Fees and costs

This Program has the following loan scheme(s) available for eligible students:

Commonwealth Supported Place (CSP)

A Commonwealth Supported Place (CSP) is a place at a university where the Australian Government pays part of your fees. This part is a subsidy, not a loan, and you don't have to pay it back. However, this subsidy does not cover the entire cost of your study. Students must pay the rest, which is called the 'student contribution amount'.

In a Commonwealth Supported Place, your fees are subsidised by the Australian Government. Your fees will be split into two portions:

The Commonwealth contribution, which is the portion paid by the Australian Government.

The student contribution, which is the portion you pay. You may choose to pay upfront or defer your student contribution with a HECS-HELP Loan. The HECS-HELP loan scheme (https://www.studyassist.gov.au/preview-link/node/106/5de65e70-6656-4297-a79d-19fd4a6deadd) assists eligible students with the payment of all, or part, of their tuition fees, not including additional study costs such as accommodation or textbooks. Your HECS-HELP debt will be indexed each year in line with the Consumer Price Index.

Eligible students will be offered a CSP – you do not need to apply.

For indicative fees and information on how to pay, including Government loan schemes and our online calculator, visit our Fees, costs and scholarships page (https://www.notredame.edu.au/study/fees-costs-and-scholarships).

Student profile data

The tables below gives an indication of the likely peer cohort for new students in this Program. It provides data on all students who commenced in this Program in the most relevant recent intake period, including those admitted through all offer rounds and international students studying in Australia.

Sydney Student Profile Data

TABLE 1a – Diploma of Data Analytics BASIS OF ADMISSION IN SEMESTER 1, 2022 INTAKE

Applicant background	Semester 1 2022	
	Number of students	**Percentage of all students**
(A) Higher education study (includes a bridging or enabling course)	<5	N/P
(B) Vocational education and training (VET) study	N/A	N/A
(C) Work and life experience (Admitted on the basis of previous achievement not in the other three categories)	30	97%
(D) Recent secondary education: ○ Admitted solely on the basis of ATAR (regardless of whether this includes the consideration of adjustment factors such as equity or subject bonus points)	N/A	N/A
○ Admitted where both ATAR and additional criteria were considered (e.g. portfolio, audition, interview, extra test, early offer conditional on minimum ATAR)	N/A	N/A
○ Admitted on the basis of other criteria only and ATAR	N/A	N/A

was **_not_** a factor (e.g. special consideration, audition alone, interview, school marks & recommendation with no minimum ATAR requirement)		
International students	N/A	N/A
All students	**_31_**	**_100.0%_**

TABLE 1b – Diploma of Data Analytics ATAR PROFILE DATA FOR APPLICANTS ENTERING ON THE BASIS OF _RECENT SECONDARY EDUCATION_ IN SEMESTER 1, 2022 INTAKE

RECENT SECONDARY EDUCATION - ATAR-based offers	ATAR (Excluding adjustment factors) *	Selection Rank (ATAR plus any adjustment factors) *[only if relevant]
Highest rank to receive an offer	N/A	N/A
Median rank to receive an offer	N/A	N/A
Lowest rank to receive an offer	N/A	N/A

Notes:

"<5" – the number of students is less than 5
N/A – Students not accepted in this category
N/P – Not published: the number is hidden to prevent the calculation of numbers in cells with less than 5 students

In 2022, due to COVID, additional adjustment factor points were granted to applicants from NSW, ACT and VIC.

More information

Considering your uni options?

Talk to one of our career advisors for a personalised advice session (https://calendly.com/d/dmr-5gg-c2h). Our advisors provide support while choosing a program of study and completing our application process. **Book my session. (https://calendly.com/d/dmr-5gg-c2h)**

For more information, please contact our Prospective Students Office.

Fremantle and Broome	**Sydney and Melbourne**
Phone: +61 8 9433 0533	Phone: +61 2 8204 4404
Email: future@nd.edu.au (mailto:future@nd.edu.au)	Email: sydney@nd.edu.au (mailto:sydney@nd.edu.au)

APPLY DIRECT ⌐

Need help? Ask Notre Dame

(08) 9433 0533 - WA
(02) 8204 4404 - NSW

Duration: 1 year equivalent full-time study. Only available rt-time.

Duration type: Part time

Campus: Fremantle; Sydney

Study mode: Blended

Commencement: Semester 1; Semester 2

Program code: 2010

Fee: Commonwealth Supported Place (CSP)