

# GRADUATE CERTIFICATE IN BIG DATA (3785)

Western Sydney University Program Code: 3785

CRICOS Code: 105595F

This program applies to students who commenced in 2021 or later.

Big data drives the decision making processes for most industries. Mastery of the computing and statistics of big data analytics provides us with the power to direct industries to their full potential. This course introduces the skills and knowledge, with a strong focus on practical application, required to begin a career in big data analytics.

## Study Mode

Six months full-time or one year part-time.

## Program Advice

Program Advice (CDMS@westernsydney.edu.au)

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/future/>) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

## Location

Campus	Attendance	Mode	Advice
Parramatta Campus - Victoria Road	Full Time	Internal	See above
Parramatta Campus - Victoria Road	Part Time	Internal	See above

## Admission

Applicants must have:

- Successfully completed an undergraduate degree, or higher, in any discipline; OR
- Have a minimum of five (5) years full-time equivalent professional work experience in related roles

Applicants seeking admission on the basis of work experience must support their application with a Statement of Service for all work experience listed on the application.

Statement of Service form ([https://www.westernsydney.edu.au/content/dam/digital/pdf/Statement\\_of\\_Service.PDF](https://www.westernsydney.edu.au/content/dam/digital/pdf/Statement_of_Service.PDF))

Applications from Australian and New Zealand citizens and holders of permanent resident visas may be made via the Universities Admissions Centre (UAC) or directly through the Western Portal. Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

<http://www.uac.edu.au/>  
<https://westernsydney.uac.edu.au/ws/>

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the

UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

International students currently completing an Australian Year 12 in or outside Australia, an International Baccalaureate in Australia or a New Zealand National Certificate of Educational Achievement (NCEA) level 3 must apply via UAC International.

<http://www.uac.edu.au/>

All other International applicants must apply directly to the University via the International Office.

International students applying to the University through the International Office can find details of minimum English proficiency requirements and acceptable proof on their website.

International Office (<http://www.westernsydney.edu.au/international/>)

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

## Program Structure

Qualification for this award requires the successful completion of 40 credit points which include the subjects listed below.

Students are required to complete the following three core subjects

### Core Units

Subject	Title	Credit Points
COMP 7024	Programming for Data Science	10
MATH 7016	The Nature of Data	10
COMP 7003	Big Data	10
And one elective		10
<b>Total Credit Points</b>		<b>40</b>

### Electives

Elective subjects must be at Postgraduate Level 7.