UNSW’s Graduate Certificate in Analytics program is 100% online and comprises of three Foundation courses and a choice of one of five Core courses from the Masters program.

The program is designed for those who see the growing number and diversity of employment opportunities where analytical capabilities are required and where premium salaries are being offered.

**UNSW Business School**

**Graduate Certificate in Analytics (Online)**

UNSW's Graduate Certificate in Analytics program is 100% online and comprises of three Foundation courses and a choice of one of five Core courses from the Masters program.

The program is designed for those who see the growing number and diversity of employment opportunities where analytical capabilities are required and where premium salaries are being offered.

**Faculty:** UNSW Business School  
**Duration:** This program can be completed in eight months

**Program:** Graduate Certificates in Analytics  
**Study mode:** 100% Online

**Program Code:** 7457  
**Study Load:** Each course is seven weeks long and has an orientation - usually the week before the course begins. UNSW Online advises a minimum of 15-20 hours of study per week.

**Units of Credit:** 24 Units of credit  
**Program intakes:** Six intakes annually (not all courses will be offered at every intake)

**Courses:** 4 courses

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**Learning Outcomes**

PLO 1: Knowledge students will apply analytics knowledge in an informed and effective manner, in a range of contexts.
- Scholars
- Leaders
- Global Citizens

PLO 2: Problem solving students will define and address problems and propose effective evidence-based solutions, through the application of rigorous analysis and critical thinking.
- Scholars
- Leaders

PLO 3: Communication students will harness, manage and communicate effectively with a range of stakeholders using multiple forms of communications.
- Scholars
- Leaders

PLO 4: Responsible professional practice Students will develop and be committed to responsible professional practice, underpinned by ethical thinking skills and sustainability considerations.
- Professionals
- Global Citizens
- Scholars
- Leaders
Graduate Capabilities

For more information on Graduate Capabilities, please click on this link.

Program Structure

Students must complete 24 UOC when taken as a standalone program.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course</th>
<th>UOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZZEN9021</td>
<td>Principles of Programming</td>
<td>6</td>
</tr>
<tr>
<td>ZZBU6501</td>
<td>Introductory Data Analysis</td>
<td>6</td>
</tr>
<tr>
<td>ZZBU6502</td>
<td>Analytics and Business</td>
<td>6</td>
</tr>
<tr>
<td>ZZBU6503</td>
<td>Managing People, Analytics and Change</td>
<td>6</td>
</tr>
<tr>
<td>ZZBU6505</td>
<td>Data and Ethics</td>
<td>6</td>
</tr>
<tr>
<td>ZZBU6507</td>
<td>Data Visualisation and Communication</td>
<td>6</td>
</tr>
<tr>
<td>ZZBU6511</td>
<td>Predictive Analytics</td>
<td>6</td>
</tr>
<tr>
<td>ZZEN9313</td>
<td>Big Data Management</td>
<td>6</td>
</tr>
</tbody>
</table>

Foundation Courses - Students must take at least 24 UOC of the following courses

Admission Requirements

Minimum Entry Requirement

An undergraduate degree (in any discipline)

OR

Applicants who do not meet the undergraduate degree requirement are required to have a minimum of 3 years relevant or professional experience in analytics, clerical or administrative work in a commercial, not-for-profit or public service organisation or other analytics-related positions.

Relevant experience includes being responsible for tasks that are non-routine, unstructured or semi-structured, engaging in problem-solving activities. It can include experience of managing a small team, being a team leader, managing a project or being responsible for the management and allocation of resources. Alternatively, engaging in a professional role over a period of time is relevant experience.

Further Study

Articulation pathways exist to the Graduate Diploma and Master program if the student completes this program with a minimum WAM of 65.

English language proficiency requirement

Please see unsw.edu.au/english-requirements-policy

UNSW Recognition of Prior Learning (Coursework Programs)

Procedure applies to all programs. Please see gs.unsw.edu.au/policy/rplprocedure
Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student’s residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

- Domestic Students
- Commonwealth Supported Students
- International Students

Resources Requirements

As a student in the Analytics program, you may be required to purchase a textbook in order to complete a course in your program. Details of the textbook and where it can be purchased will always be supplied in your course outline. Whenever possible, the textbook will be made available in e-book format, or for free via the library. Costs may vary, but estimate indicative cost is $100 (AUD), and may be reusable across multiple courses.

Key dates

You should be aware of your key dates. Please click here.

Class Timetable

Please visit the Class Timetable to view course offering information.

timetable.unsw.edu.au/