Overview

Data Science is the study of methods for organising, modelling and analysing large and complex data relevant for businesses, governments or other organisations. The information gleaned from the data analysis is intended to improve business decisions and inform policies.

The program provides an advanced technical background in mathematics, statistics, computer science and economics. The Behavioural Data Science major enables a student to specialise further in interpreting, understanding and predicting data for use in business.

The program and this stream open a pathway to exciting careers in data science and data analytics.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>UNSW Business School</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>School</strong></td>
<td>School of Economics</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Postgraduate</td>
</tr>
<tr>
<td><strong>Specialisation Type</strong></td>
<td>Specialisation</td>
</tr>
</tbody>
</table>
Learning Outcomes

1. Be able to apply advanced business sensibilities to real-world problems involving complex data sets.

   Scholars  Professionals

2. Be able to apply the highest ethical standards to their professional and personal lives.

   Professionals  Global Citizens

3. Be able to prepare, process, interpret and present data using appropriate qualitative and quantitative techniques.

   Scholars  Professionals

4. Demonstrate knowledge and skills in formulating problems involving both qualitative and quantitative data.

   Scholars  Professionals

5. Demonstrate an advanced working knowledge of scientific criteria and methods of investigation, and a concern for objectivity and precision.

   Global Citizens  Professionals

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
© UNSW Sydney (CRICOS Provider No.: 00098G), 2019. The information contained in this Handbook is indicative only. While every effort is made to keep this information up-to-date, the University reserves the right to discontinue or vary arrangements, programs and courses at any time without notice and at its discretion. While the University will try to avoid or minimise any inconvenience, changes may also be made to programs, courses and staff after enrolment. The University may also set limits on the number of students in a course.

Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179