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>
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<th><strong>Faculty</strong></th>
<th>UNSW Business School</th>
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<tr>
<td><strong>School</strong></td>
<td>School of Economics</td>
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<tr>
<td><strong>Study Level</strong></td>
<td>Postgraduate</td>
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<td><strong>Specialisation Type</strong></td>
<td>Specialisation</td>
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## 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

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### Graduate Capabilities:

For more information on Graduate Capabilities, please click on this [link](#).
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

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