MASTER OF PROFESSIONAL STUDIES IN DATA SCIENCE

The Master of Professional Studies in Data Science (MProfStuds Data Science) draws together courses from Computer Science, Statistics and Information Systems to address a need for professionals with a specific skill set. The qualification enables graduates to be readily identifiable as holding the skills to participate in the field and to contribute to its advancement.

The specialisation has three components:

1. A data management stream and a data science stream, consisting of at least two courses in each area.
2. The development of particular specialist strengths alongside the core knowledge, such as entrepreneurial and business skills, or further depth in Statistics or Computer Science.
3. A research project under supervision by an academic and/or practitioner from industry.

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<tr>
<th>Points/Duration</th>
<th>Estimated annual fee 2016 (NZD)</th>
<th>Intakes</th>
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<tr>
<td>120 / 1 year</td>
<td>$37,025 (international); $8,388 (domestic)</td>
<td>March/July</td>
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Entry requirements

In order to be admitted to this programme, a student needs to have completed:

- the requirements for a four-year bachelors degree, or
- the requirements for a bachelors (Honours) degree, or
- the requirements for a bachelors degree, and
  - have at least a B- average grade in the 90 points (or equivalent) of the most advanced courses of the degree
  - either a professional qualification equivalent to one year’s advanced study or at least three years of professional experience deemed relevant to this programme by Senate or its representative
  - any prerequisites for the courses in the subject area in which they wish to enrol.

World-ranked teaching and amazing research

The University of Auckland’s Department of Statistics is the ‘Home of R’, a statistical computing language used for analysing and visualising data. IEEE ranks R sixth in the 2015 list of top programming languages*. R’s ranking is impressive: as a domain-specific language for data science, the fact that it is ranking with general purpose languages like Java, C and Python demonstrates the importance of advanced data analysis in today’s world.

Further information:

www.science.auckland.ac.nz/data-science