

4.9. Progression opportunities & career

Graduates with a qualification in mathematics or statistics are highly sought after by employers. For example, the need for statistical expertise within the public and private sectors has never been greater, brought about in part by the increase in the amount of data collected and analysed by organisations and also by the expectation on industry for excellence in the area of metrics and intelligence-based decision making. Statistics is fundamental to identify customer, consumer and population trends, to model and predict likely future behaviour and to extract important quantitative information.

Graduates of our programmes have high levels of technical ability with the ability to apply mathematical solutions to real-world problems, combined with the ability to use appropriate software and communicate their understanding and complex concepts to a wide audience. These skills are all underpinned with rigorous mathematical and statistical fundamentals. Thus, our graduates are trained mathematical professionals able to contribute to existing and emerging industrial sectors requiring mathematical and statistical insights for modelling, finance, operations research and statistical prediction.

The [Career Development Centre](#) offers a range of services including one to one guidance with a professional Careers Adviser and career talks.

The School offers further learning opportunities at all levels up to and including research. Our students can therefore progress on a ladder of qualifications culminating in postgraduate study. Thus, graduates are encouraged to discuss opportunities for further study either full time or part time.