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Graduates with this degree are employed in a range of jobs — see some examples below.

Note: This list is not exhaustive, and some jo1.l1How (ed l g)-1 intense29 Tm[U such as)-10 ()ЇJo -1ture c dire(A Td[L)12?)Ɖ[Jo Ꭰ ().)2stu/C91 CS 2o ()ƉJo.934 0.1SCNudyⅅw 4 M 0.91 sc89 reW nn/n/6 2Ꭰ.83Ƥ3qo 0.2596

Data scientist / analyst

- Analyse past and current data
- Make predictions and provide insight
- Link IT experts and business analysts

Research mathematician

- Formulate and solve problems
- Develop math theories and techniques
- Provide foundations for applied mathematics

Software engineer / developer

- Research the target audience and market
- Write computer code, and source graphics/ effects
- Test and improve software, and fix issues

Statistical methodologist / analyst

- Plan, design and test ways to collect data
- Develop new analytical methods for data analysis
- Draw conclusions and write reports

Research economist

- Analyse economic insight and predict trends
- Advise organisations or government

Financial / business analyst

- Gather financial information and data
- Use analytical models to identify trends
- Help clients plan and solve problems

Retail / category analyst

- Research pricing, sales and competitor information to identify market opportunities
- Advise how to lower costs and increase profits
- Develop brand/channel marketing strategies

Actuary, actuarial analyst

- Assess the likelihood of an event occurring
- Look at past trends to predict future outcomes
- Explain implications e.g. possible costs

Secondary school teacher

- Prepare and deliver learning experiences in specialised subjects
- Understand the learning needs of rangatahi, observe progress to personalise support
- Promote the wellbeing of rangatahi

Traffic management planner

- Develop traffic management models and plans
- Conduct studies and analyse the data
- Manage projects and liaise with professionals e.g. engineers, architects

Research analyst / associate

- Organise and conduct organisational research
- Use mathematical modelling and computer software to improve operations

Examples of other job titles and careers include:

- Investment analyst / wealth assistant
- Design engineer
- Tester
- Statistician
- Statistical analyst
- Business consultant
- Data modelling analyst
- Academic coordinator
- Lecturer
- Tutor
- Teaching assistant.

F. e d !.

UC offers postgraduate study in Mathematics from honours through to PhD level, which allows more opportunities for research. Advanced study can also lead to an academic career. Some Mathematics graduates undertake additional training in subjects such as management or teaching.

Further study may facilitate career benefits such as specialist skills, entry into a specific occupation, higher starting salary, faster progression rate, and advanced research capability.

It is important to determine which, if any, further study options align with future career aspirations.

For further UC study options visit:
 www.canterbury.ac.nz/study/academic-study