Mathematics and Statistics

Key transferable skills

Skills you will obtain in this degree that are transferable across many career options.

- QUANTITATIVE LITERACY
- PROBLEM SOLVING
- COMMUNICATION
- ANALYTICAL THINKING
- RESEARCH
- ATTENTION TO DETAIL

At La Trobe, we've developed a distinctive approach to the teaching of mathematics. Our learning environment, which has received widespread national and international recognition, is based on active student engagement in problem solving. Staff make themselves readily available to assist students and are constantly updating teaching approaches and content.

Career pathways

Graduates will be well placed to find employment in a range of roles directly or after further study. Common roles include:

- Medical statistician
- Applied mathematician
- Financial analyst
- Meteorologist
- Mathematics teacher
- Sports statistician
- Data scientist
- Investment/business analyst
- University lecturer
- Computational mathematician
- Operations research analyst
- Risk assessor

Discipline specific/technical skills

Technical skills that you will develop as part of your course.

- Understand mathematical and statistical concepts
- Construct logical and clearly presented arguments
- Employ scientific rigour in evaluating information
- Formulate and model abstract problems
- Use mathematical/statistical tools to find solutions
- Communicate mathematical/statistical information
- Systematically collect, record and interpret data

Major employers

Graduates have found jobs in a range of organisations including:

- State and federal government departments
- Universities
- Australian Bureau of Statistics
- Department of Health
- Deloitte
- Ernst & Young
- Hatch Associates
- IBM
- PwC Australia
- Qantas Airways
- Australian Football League
- Quantium

Source: LinkedIn Live Alumni, Burning Glass Technologies

Boost your employability

- BROADEN YOUR SKILLS
- CONNECT WITH INDUSTRY
- MANAGE YOUR CAREER
- GAIN EXPERIENCE