

# Using Your Degree

## Science - Mathematical sciences



### Purpose

The following information provides career titles, employment opportunities, professional associations and links to salary information relevant to these qualifications.

This publication is prepared as a guide only. The content is based on information publicly available.

Each list provides a sample only. It is not intended to be comprehensive.

### Careers that can be moved into with these qualifications:

**Note: further qualifications may be required for some roles.**

- |                                   |   |   |
|-----------------------------------|---|---|
| • Actuary                         | • Epidemiologist                        | • Policy Advisor                        |
| • Air Traffic Controller          | • Foreign Exchange Trader               | • Psychometrician                       |
| • Assistant Lecturer/Demonstrator | • Imagery Scientist                     | • Quantitative Financial Market Analyst |
| • Astronaut                       | • Investment/Business Analyst           | • Research Technician                   |
| • Astronomer                      | • Mathematical Biologist                | • Science Communicator/Journalist       |
| • Biostatistician/Data Analyst    | • Mathematical Biophysicist             | • Science Educator                      |
| • Business Analyst                | • Mathematical Physicist                | • Statistician                          |
| • Climatologist                   | • Mathematician                         | • Stockbroker                           |
| • Computational Biologist         | • Mathematics Teacher                   | • Strategic Planner                     |
| • Computational Mathematician     | • Meteorologist/ Research Meteorologist | • Technical Officer                     |
| • Cryptanalyst                    | • National Security Analyst             | • Weather Forecaster                    |
| • Economist                       | • Nuclear Scientist                     |   |
|                                   | • Operations Research Analyst           |   |

### Potential employers of students with these qualifications:

**Note: Entities listed are not to be taken as endorsements or recommendations.**

#### Government

- |   |   |   |
|---|---|---|
| • <a href="http://apsjobs.gov.au">apsjobs.gov.au</a> , <a href="http://careers.vic.gov.au">careers.vic.gov.au</a> and <a href="http://lgjobs.com.au">lgjobs.com.au</a> are good starting points for information about career opportunities within the federal, state and local governments. | • Australian Taxation Office <a href="http://ato.gov.au">ato.gov.au</a>                                       | • Department of Environment and Primary Industries <a href="http://dse.vic.gov.au">dse.vic.gov.au</a> |
| • Australian Bureau of Statistics <a href="http://abs.gov.au">abs.gov.au</a>  | • Bureau of Meteorology <a href="http://bom.gov.au">bom.gov.au</a>  | • Department of Foreign Affairs and Trade <a href="http://dfat.gov.au">dfat.gov.au</a>                |
| • Australian Competition and Consumer Commission <a href="http://acc.gov.au">acc.gov.au</a>   | • City of Casey <a href="http://casey.vic.gov.au">casey.vic.gov.au</a>  | • Department of Health <a href="http://health.gov.au">health.gov.au</a>                               |
| • Australian Federal Police <a href="http://afp.gov.au">afp.gov.au</a>  | • Commonwealth Scientific and Industrial Research Organisation (CSIRO) <a href="http://csiro.au">csiro.au</a> | • Environment Protection Authority Victoria <a href="http://epa.vic.gov.au">epa.vic.gov.au</a>        |
| • Australian Prudential Regulation Authority <a href="http://apra.gov.au">apra.gov.au</a>   | • Defence Science and Technology Organisation <a href="http://dsto.defence.gov.au">dsto.defence.gov.au</a>    | • Productivity Commission <a href="http://pc.gov.au">pc.gov.au</a>                                    |
|   | • Department of Agriculture <a href="http://daff.gov.au">daff.gov.au</a>                                      | • Reserve Bank of Australia <a href="http://rba.gov.au">rba.gov.au</a>                                |
|   | • Department of Industry and Science <a href="http://industry.gov.au">industry.gov.au</a>                     | • The Australian National Audit Office <a href="http://anao.gov.au">anao.gov.au</a>                   |
|   |   | • The Treasury <a href="http://treasury.gov.au">treasury.gov.au</a>                                   |

#### Private

- |  |   |   |
|--|---|---|
| • Accenture <a href="http://accenture.com/grads">accenture.com/grads</a>                       | • Deloitte <a href="http://deloitte.com.au">deloitte.com.au</a>                           | • Murray Goulburn Cooperative Co. Ltd <a href="http://mgc.com.au">mgc.com.au</a>      |
| • AECOM <a href="http://aecom.com">aecom.com</a>   | • Deutsche Bank <a href="http://australia.db.com">australia.db.com</a>                    | • NAB <a href="http://nab.com.au">nab.com.au</a>                                      |
| • AirServices Australia <a href="http://airservicesaustralia.com">airservicesaustralia.com</a> | • DST Global Solutions <a href="http://dstglobalsolutions.com">dstglobalsolutions.com</a> | • Panviva Pty Ltd <a href="http://panviva.com">panviva.com</a>                        |
| • Alcoa <a href="http://alcoa.com">alcoa.com</a>   | • Dun & Bradstreet (Australia) Pty Ltd <a href="http://dnb.com.au">dnb.com.au</a>         | • Plenary Networks <a href="http://plenarynetworks.com.au">plenarynetworks.com.au</a> |
| • Altona Mining <a href="http://altonamining.com">altonamining.com</a>                         | • DWS Advanced Business   | • PwC Australia <a href="http://pwc.com.au">pwc.com.au</a>                            |
|  |   | • Salsa Digital <a href="http://salsadigital.com.au">salsadigital.com.au</a>          |

- Anglo American [australia.angloamerican.com](http://australia.angloamerican.com)
- ANZ [anz.com.au](http://anz.com.au)
- Arup [goarup.com.au](http://goarup.com.au)
- Aurecon [aurecongroup.com](http://aurecongroup.com)
- AusNet Services [ausnetservices.com.au](http://ausnetservices.com.au)
- BHP Billiton [bhp.com.au](http://bhp.com.au)
- Boral Limited [boral.com.au](http://boral.com.au)
- Bristol-Myers Squibb [bmsa.com.au](http://bmsa.com.au)
- Cadbury [cadbury.com.au](http://cadbury.com.au)
- Commonwealth Bank [commbank.com.au](http://commbank.com.au)
- Solutions [dws.com.au](http://dws.com.au)
- Ensign Laboratories [ensignlab.com.au](http://ensignlab.com.au)
- Ericsson Australia [ericsson.com.au](http://ericsson.com.au)
- Eyecon [eyecon.com.au](http://eyecon.com.au)
- EY [ey.com](http://ey.com)
- Fuji Xerox [fujixerox.com.au](http://fujixerox.com.au)
- .id [id.com.au](http://id.com.au)
- IMC [imcpacific.com.au](http://imcpacific.com.au)
- Luminova [luminova.net](http://luminova.net)
- Macquarie Group [macquarie.com.au](http://macquarie.com.au)
- SGS Environmental Services [sgs.com.au](http://sgs.com.au)
- SunGard Inmatrix [inmatrix.com.au](http://inmatrix.com.au)
- Teach for Australia [teachforaustralia.org](http://teachforaustralia.org)
- Teletech Inc [teletech.com.au](http://teletech.com.au)
- Telstra [telstra.com.au](http://telstra.com.au)
- Torus Games [torusgames.com](http://torusgames.com)
- TMG [tmgtestequipment.com.au](http://tmgtestequipment.com.au)
- Westpac [westpac.com.au](http://westpac.com.au)
- Webbsoft Technology [webbsoft.biz](http://webbsoft.biz)

### Not for profit

- Astronomy Australia Limited [astronomyaustralia.org.au](http://astronomyaustralia.org.au)
- Australian Institute of Policy and Science [aips.net.au](http://aips.net.au)
- Murdoch Children's Research Institute [mcri.edu.au](http://mcri.edu.au)
- The Heart Foundation [heartfoundation.org.au](http://heartfoundation.org.au)
- Ludwig Cancer Research [ludwig.edu.au](http://ludwig.edu.au)
- Mental Health Research Institute [mhri.edu.au](http://mhri.edu.au)
- National Geographic [nationalgeographic.com](http://nationalgeographic.com)
- Relationships Australia [relationships.org.au](http://relationships.org.au)
- The Salvation Army [salvationarmy.org.au](http://salvationarmy.org.au)

## Professional associations relevant to these qualifications:

- Australian Academy of Science [science.org.au](http://science.org.au)
- Australian Academy of Technological Sciences & Engineering [atse.org.au](http://atse.org.au)
- Australian Biotechnology Organisation [ausbiotech.org](http://ausbiotech.org)
- Australian Computer Society [acs.org.au](http://acs.org.au)
- Australian Information Industry Association [aiia.com.au](http://aiia.com.au)
- Australian Mathematical Sciences Institute [amsi.org.au](http://amsi.org.au)
- Australian Mathematical Society [austms.org.au](http://austms.org.au)
- Australian Science Teachers Association [asta.edu.au](http://asta.edu.au)

## Helpful Links:

### General

- [siriuscollegecareers.com](http://siriuscollegecareers.com)
- [seek.com.au](http://seek.com.au)
- [jobsearch.gov.au](http://jobsearch.gov.au)
- [careerone.com.au](http://careerone.com.au)
- [mycareer.com.au](http://mycareer.com.au)
- [graduatecareers.com.au](http://graduatecareers.com.au)
- [graduateopportunities.com](http://graduateopportunities.com)
- [myfuture.edu.au](http://myfuture.edu.au)
- [prospects.ac.uk](http://prospects.ac.uk)
- [unigrad.com.au](http://unigrad.com.au)
- [fairwork.gov.au](http://fairwork.gov.au)

### Industry specific

- [envirojobs.com.au](http://envirojobs.com.au)
- [ethicaljobs.com.au](http://ethicaljobs.com.au)
- [greenvolunteers.com](http://greenvolunteers.com)
- [marinecareers.net](http://marinecareers.net)
- [sciencealert.com.au](http://sciencealert.com.au)

## Salary Indicator:

Please visit these websites for the most current figures:

- Fair Work [fairwork.gov.au/pay](http://fairwork.gov.au/pay)
- Graduate Careers Australia [graduatecareers.com.au/research/gradjobsdollars](http://graduatecareers.com.au/research/gradjobsdollars)
- Job Outlook [joboutlook.gov.au](http://joboutlook.gov.au)