

Graduate Attributes

Bachelor of Mathematical and Computer Sciences

Through the Bachelor of Mathematical & Computer Sciences, the School of Mathematical Sciences supports the mission of the University of Adelaide (to advance knowledge, understanding and culture through scholarship, research, teaching and community service of international distinction and integrity) and to provide an inclusive curriculum that allows all students to learn and progress unhindered through the program.

Graduates in the B. Ma & Comp Sci. majoring in Applied Mathematics, Pure Mathematics or Statistics, possess both an in-depth competence in their major and a general skill set making them highly desirable to potential employees. Our graduates:

- Are able to apply knowledge of basic mathematical or statistical fundamentals
- Are able to interpret data or mathematical results, and draw correct conclusions
- Are able to define, formulate and solve a mathematical/statistical problem
- Possess highly developed problem-solving skills suitable for application in a wide range of situations
- Possess the flexibility required to adapt quickly to changes in the working environment, including the emergence of new methods, technologies and theories
- Are able to communicate effectively, not only with other mathematicians and statisticians, but with the community at large on mathematical/statistical issues
- Can contribute effectively as members of multi-disciplinary and multi-cultural teams, with the capacity to be leaders or managers as well as effective team members
- Are able, by self directed study, to remain up to date with developments in their careers/professions
- Are able to guide developments in their careers/professions.