

knowledge on wine production and wine science a scientific base that allows the underlying principles and concepts to be understood, and industry-relevant skills.

Program objectives

Upon completion, graduates from the Bachelor of Technology (Wine) program will have the following knowledge and skills:

Knowledge

- a firm science foundation that provides the principles and concepts required to understand grape and wine production
- an understanding of the wine production process for all major wine types, including how wine production is influenced by demands of cost, quality and throughput
- awareness of how scientific principles in the fields of biology, biochemistry, chemistry, and microbiology influence technical aspects of wine production
- an understanding at a biochemical and physiological level of how viticultural management influences grape quality
- an understanding of wine business management principles and wine marketing
- awareness of factors that have shaped the Australian and global wine industries and their current directions of development
- an understanding of sensory evaluation of wines and wine judging systems.

Skills

- ability to inter-relate scientific concepts and principles to production processes so that production problems are quickly identified and new production situations and demands are successfully handled
- the practical skills to manage a winery or a vineyard
- sensory evaluation skills that permit identification of winemaking problems, rapid detection of faults, and reliable assessment of wine quality and characteristics
- ability to understand and participate in wine judging processes
- ability to understand, and communicate effectively with technical vineyard and winery staff
- ability to apply principles of business management and marketing of wines.

Admission requirements

Australian applicants:

To be eligible for a place in this program, applicants will have at least a Sound Achievement over four semesters in Queensland Senior (Years 11 and 12) English. It is also recommended to have a Sound Achievement over four semesters in Mathematics B and Biological Science or Chemistry, or the equivalent of these qualifications.

International applicants:

This program is offered to international students. An international student is a person who is not an Australian or New Zealand citizen and not an Australian permanent resident.

International applicants must have met the [University's English language requirements](#) or have completed the University's [ELICOS/EAP](#) program.

It is also recommended that international applicants should have the equivalent of a Sound Achievement over four semesters of Queensland Senior (Years 11 and 12) in Mathematics B and Biological Science or Chemistry. Please refer to [USQ International](#) for information about entry requirements.

How to apply

All applications

[Application for undergraduate programs](#) may be made through the Queensland Tertiary Admissions Centre (QTAC). The same procedure applies whether you plan to study on-campus or by distance education.

If you completed Year 12 at a Queensland secondary school you will be assessed for entry on the basis of your Overall Position (OP) or equivalent score. Year 12 students from other states or territories are considered for entry on the basis of their UAI, ENTER or TER and the subject prerequisites indicated. Other applicants will be based on their overall Rank.

Entry requirements

This program is offered to international students. An international student is a person who is not an Australian or New Zealand citizen and not an Australian permanent resident. Please refer to [USQ International](#) for information about entry requirements, visa arrangements and how to apply.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of your higher education and you as a student pay a [student contribution amount](#), which varies depending on the courses undertaken. You are able to calculate the fees for a particular course via the [Course Fee Finder](#). Commonwealth Supported students may be eligible to defer their fees through a Government loan called [HECS-HELP](#).

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who reside outside Australia pay full tuition fees.

Domestic full fee paying students may be eligible to defer their fees through a Government loan called [FEE-HELP](#).

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Program structure

To qualify for the award of Bachelor of Technology (Wine), a candidate must complete or be exempted from courses with a total value of at least 24 units, according to the following recommended enrolment pattern.

Required time limits

Students have a maximum of 8 years to complete this program.

IT requirements

Students should visit the USQ [minimum computing standards](#) to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software.

Residential schools

[Residential Schools](#) of three to five days duration are compulsory for those courses listed as having residential schools in the Recommended Enrolment Patterns below. Residential Schools of 3 days duration will be held at the Toowoomba Campus for the courses [BIO1101](#), [BIO2202](#), [CHE1110](#) and [CHE2120](#). Residential Schools of 5 days duration will be held at the Toowoomba Campus or the Queensland College of Wine Tourism (QCWT), Stanthorpe, Queensland, for the courses [WIN2201](#), [WIN2202](#), [WIN2203](#), [WIN3304](#), and [WIN3306](#).

Enquires on the Residential Schools should be directed to:

Prospective Students

Consult the Handbook on the Web at <http://www.usq.edu.au/handbook/current> for any updates that may occur during the year.
Bachelor of Technology (Wine) (BTWN) - BTechWine (2012)

International and Domestic students residing overseas wishing to carry forward all prac components into the final year will need to study these courses in 1st year and will carry IDM grades until the practical components are completed.