

Bachelor of Technology (Wine) (BTWN) - BTechWine

QTAC code (Australian and New Zealand applicants): (Australian and New Zealand applicants): Toowoomba campus and Distance education: 906109

This program is only offered to continuing students. No new admissions will be accepted. Students who are interested in this study area should [contact us](#).

	On-campus*	External*
Start:		No new admissions
Campus:	Toowoomba	
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Residential school:	Toowoomba campus and Queensland College of Wine Tourism, Stanthorpe (compulsory)	Toowoomba campus and Queensland College of Wine Tourism, Stanthorpe (compulsory)
Standard duration:	3 years full-time; 6 years part-time	

Footnotes

* This program is not available fully on-campus or fully by external mode; to complete the program students will need to undertake courses in a mix of external and on-campus modes.

Contact us

Current students
Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email: usq.support@usq.edu.au

Program aims

The Bachelor of Technology (Wine) aims to develop knowledge and skills in wine making, wine science, viticulture, wine business and wine appraisal. Graduates will have a knowledge base and skills that will fit them for a career in vineyards, wineries, production management, wine marketing, quality control, research and development in the wine, brewing and food processing industries. Its aim is to provide graduates with an excellent technical understanding of wine making through provision of a relevant and coherent body of 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

To be eligible for admission, applicants must satisfy the following 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.

It is 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.

All students are required to satisfy the applicable [English language requirements](#).

If students do not meet the English language requirements they may apply to study a University-approved [English language program](#). On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a [student contribution amount](#), which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the [Course Fee Schedules](#).

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. Students are able to calculate the fees for a particular course via the [Course Fee Schedule](#)

Domestic full fee paying students may be eligible to defer their fees through a Government loan called [FEE-HELP](#) provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for [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. Students are able to calculate the fees for a particular course via the [Course Fee Schedules](#).

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

The attendance requirement of residential schools within this degree is indicated by the following letters: R = Recommended; HR = Highly Recommended; M = Mandatory. To find out more about [residential schools](#), visit the [Residential School Schedule](#) to view specific dates for your degree, or visit the [Policy and Procedure Library](#).

[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

- telephone 1800 269 500 (within Australia Free Call), +61 7 4631 5315 (From outside Australia) or complete an [enquiry form](#).
- email studysci@usq.edu.au

Currently Enrolled Students

- telephone +61 7 4631 2361
- email studysci@usq.edu.au

Credit

Candidates must complete at least eight units of courses offered by USQ whilst enrolled in this program so at most sixteen units of exemptions may be granted.

Course transfers

Transfer or credit for completed courses from USQ or other institutions from incomplete programs to the Bachelor of Technology (Wine) program will be allowed in accordance with USQ regulations provided the courses in question are compatible with the requirements for the Bachelor of Technology (Wine).

Honours

Students meeting academic requirements in the undergraduate program may become eligible to continue on to a research Honours program, an 8-unit Coursework Masters program and further postgraduate study.

Recommended Enrolment Pattern: Full Time

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Course	Year of program and semester in which course is normally studied						Residential school	Enrolment requirements	Comments
	On-campus (ONC)		External (EXT)		Online (ONL)				
	Year	Sem	Year	Sem	Year	Sem			
Year 1									
WIN1101 Grape and Wine Production	1	1	1	1					
BIO1101 Biology 1 *	1	1	1	1			C		Residential School: TWM BA
CHE1110 Chemistry 1 *	1	1	1	1			C		Residential School: TWM BA
MKT1001 Introduction to Marketing	1	1	1	1, 2, 3					
WIN2102	1	2	1	2					
BIO2202 Plant Physiology *	1	2	1	2			C	Pre-requisite: BIO1101	
CHE2120 Chemistry 2 *	1	2	1	2			C	Pre-requisite: CHE1110	Residential School: TWM BA
STA2300	1	2	1	2, 3			O		
WIN2201	1	3					C		
Year 2									
WIN2202	2	1					C		Residential School: QCWT
WIN2203	2	1					C		Residential School: QCWT
ACC1101 Accounting for Decision-Making	2	1,2	2	1,2,3					
WIN2204			2	2					
WIN2205			2	2					
WIN2206			2	2					
Business Elective	2	2	2	2					
Year 3									
WIN3301 Sensory Analysis			3	1					
WIN3302 Viticultural Production			3	1					
CLI1110 Weather and Climate			3	1					
WIN3303 Wine Production			3	1					
MGT3004 Creativity, Innovation and Entrepreneurship ^			3	2					

Course	Year of program and semester in which course is normally studied						Residential school	Enrolment requirements	Comments
	On-campus (ONC)		External (EXT)		Online (ONL)				
	Year	Sem	Year	Sem	Year	Sem			
WIN3304 Viticultural and Winemaking Practice 2	3	3					C	Pre-requisite: WIN1101	Residential School: QCWT
SCI3302 Industry Placement	3	1, 2, 3						Pre-requisite: Completion of 2nd year (or 2 years full time study in a relevant area)	
WIN3306 Sensory Analysis Practice	3	1					C		
Business Elective Courses									
MKT2001 Marketing Communications	2	1	2	1, 3					
MKT2002 Global Marketing	2	1	2	1					
MKT3001 Marketing Research	2	1	2	1				Pre-requisite: MKT1001	
MKT1002 Consumer Behaviour	2	2	2	1, 2					
MKT2004 Marketing Channels	2	2	2	2					
MKT3007 Marketing Strategy	2	2	2	2				Pre-requisite: MKT1001	
TOU3010 Event Management			2	2					

Footnotes

- * These courses are designed primarily for other programs, and have EXT residential school practical components. Candidates of the BTWN will undertake the residential schools as two blocks (Semester 1 - Biology 1 & Chemistry 1: Semester 2 – Chemistry 2 and Plant Physiology). 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.
- ^ Students that have already completed [MKT3006 Small and Medium Enterprise Development](#) do not complete [MGT3004](#).

Recommended Enrolment Pattern: Part Time

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Course	Year of program and semester in which course is normally studied						Residential school	Enrolment requirements	Comments
	On-campus (ONC)		External (EXT)		Online (ONL)				
	Year	Sem	Year	Sem	Year	Sem			
Year 1									
WIN1101 Grape and Wine Production	1	1	1	1					
CHE1110 Chemistry 1 *	1	1	1	1			C		Residential School: TWM BA
WIN2102	1	2	1	2					
CHE2120 Chemistry 2 *	1	2	1	2			C	Pre-requisite: CHE1110	Residential School: TWM BA
Year 2									
BIO1101 Biology 1 *	2	1	2	1			C		Residential School: TWM BA
MKT1001 Introduction to Marketing	2	1	2	1, 2, 3					

Course	Year of program and semester in which course is normally studied						Residential school	Enrolment requirements	Comments
	On-campus (ONC)		External (EXT)		Online (ONL)				
	Year	Sem	Year	Sem	Year	Sem			
BIO2202 Plant Physiology *	2	2	2	2			C	Pre-requisite: BIO1101	Residential School: TWM BA
STA2300	2	2	2	2, 3			O		
WIN2201	3	3					C		
Year 3									
WIN2202	3	1					C		Residential School: QCWT
WIN2204			3	2					
WIN2205			3	2					
Year 4									
WIN2203	4	1					C		Residential School: QCWT
ACC1101 Accounting for Decision-Making	4	1,2	4	1,2,3					
WIN2206			4	2					
Business Elective	4	2	4	2					
Year 5									
WIN3301 Sensory Analysis			5	1					
WIN3302 Viticultural Production			5	1					
MGT3004 Creativity, Innovation and Entrepreneurship ^			5	2					
WIN3304 Viticultural and Winemaking Practice 2	5	3					C	Pre-requisite: WIN1101	Residential School: QCWT
Year 6									
WIN3303 Wine Production			6	1					
CLI1110 Weather and Climate			6	1					
SCI3302 Industry Placement	6	1, 2, 3						Pre-requisite: Completion of 2nd year (or 2 years full time study in a relevant area)	
WIN3306 Sensory Analysis Practice	6	1					C		
Business Elective Courses									
MKT2001 Marketing Communications	4	1	4	1, 3					
MKT2002 Global Marketing	4	1	4	1					
MKT3001 Marketing Research	4	1	4	1				Pre-requisite: MKT1001	
MKT1002 Consumer Behaviour	4	2	4	1, 2					
MKT2004 Marketing Channels	4	2	4	2					
MKT3007 Marketing Strategy	4	2	4	2				Pre-requisite: MKT1001	
TOU3010 Event Management			4	2					

Footnotes

* These courses are designed primarily for other programs, and have EXT residential school practical components. Candidates of the BTWN will undertake the residential schools as two blocks (Semester 1 - Biology 1 & Chemistry 1: Semester 2 – Chemistry 2 and Plant Physiology).

Consult the Handbook on the Web at <http://www.usq.edu.au/handbook/current> for any updates that may occur during the year.
(DISCONTINUED) Bachelor of Technology (Wine) (BTWN) - BTechWine (2022)

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.

^ Students that have already completed MKT3006 Small and Medium Enterprise Development do not complete MGT3004.