

# Bachelor of Commerce and Bachelor of Science (BCSC) - BCom BSci

QTAC code (Australian and New Zealand applicants): Toowoomba campus and Distance education: 905929

CRICOS code (International applicants): 074633K

	<b>On-campus</b>	<b>Distance education</b>
<b>Semester intake:</b>	Semester 1 (February) Semester 2 (July) Semester 3 (November)	Semester 1 (February) Semester 2 (July) Semester 3 (November)
<b>Campus:</b>	Toowoomba	-
<b>Fees:</b>	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
<b>Standard duration:</b>	4 years full-time, up to 8 years part-time	

## Contact us

<b>Future Australian and New Zealand students</b>	<b>Future International students</b>	<b>Current students</b>
<a href="#">Ask a question</a> Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: <a href="mailto:studybusiness@usq.edu.au">studybusiness@usq.edu.au</a>	<a href="#">Ask a question</a> Phone: +61 7 4631 5543 Email: <a href="mailto:international@usq.edu.au">international@usq.edu.au</a>	<a href="#">Ask a question</a> Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email <a href="mailto:usq.support@usq.edu.au">usq.support@usq.edu.au</a>

## Program focus

This double degree aims to produce graduates who are well-equipped with the skills and knowledge to succeed in a global business environment. The program is designed to provide students with a strong foundation in both commerce and science, allowing them to develop a unique skill set that is highly valued in the industry.

Graduates will meet the educational entrance requirements to become an Associate member of the [Financial Services Institute of Australasia \(Finsia\)](#).

The Computing major, Information Technology major and Information Technology Management major are accredited at professional level by the [Australian Computer Society](#) and, through the Seoul Accord, is recognised in other countries.

## Program aims

This program will provide students with an opportunity to attain in minimum time two qualifications, one in commerce and one in science. It will provide graduates with skills that are in demand in at least two important commercial sectors.

## Program objectives

On successful completion of the Bachelor of Commerce and Bachelor of Science double degree program, graduates need to meet the program objectives of both disciplines.

On completion of the Bachelor of Commerce program, graduates will be able to:

- demonstrate strong communication skills
- identify, analyse and solve problems in different decision contexts
- think constructively and logically
- make effective and creative use of modern technologies
- acquire specific knowledge and skills relevant to their major study areas
- demonstrate an understanding of the principles of accounting, finance, economics and business law
- satisfy educational entrance requirement of relevant professional bodies.

On completion of the Bachelor of Science program, graduates will:

- possess more than a basic competence in at least one chosen discipline
- possess skills in drawing upon the growing content of knowledge in these disciplines
- understand the principles underlying these disciplines
- be capable of applying these principles to the solving of problems, particularly practical problems
- be capable of working with people trained in other disciplines towards the solution of common problems
- be motivated to sustain adaptive, independent learning
- be aware of the social, moral and legal responsibilities of professional scientists
- be skilled in the communication of ideas and concepts.

## Admission requirements

- Year 12 English [4,SA] or equivalent.
- Mathematics B [4,SA]
- Candidates for admission to this program must satisfy the normal USQ entry requirements for undergraduate programs. Please refer to [Section 2.2 of the Admissions Policy](#), Section 2.2.1 (for Australian students) and Section 2.2.3 (for international students).
- International applicants must have met the [University's English language requirements](#) or have completed the [University's ELICOS/EAP programs](#).

## How to apply

### Domestic students

[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





ACC3101 Accounting Information Systems	S1 (EXT), S2 (ONC, EXT), S3 (EXT)	S2 (ONC)	S2 (ONC)
ACC3116 Accounting and Society	S1 (ONC, EXT), S2 (ONC, EXT), S3 (EXT)	S1 (ONC)	S1 (ONC)
ACC3118 Auditing	S1 (ONC, EXT), S2 (EXT), S3 (EXT)	S1 (ONC)	S1 (ONC)
LAW3130 Revenue Law and Practice	S1 (ONC, EXT), S2 (ONC, EXT), S3 (EXT)	S1 (ONC)	S1 (ONC)

**Business Law major**

Not all courses are available on-campus.

---



---



---



---



---

FIN2108 Credit Analysis and Lending Management	S2 (ONC, EXT)		S2 (ONC)
FIN2302 Financial Economics*	S1 (ONC, EXT)		S1 (ONC)
<b>Select one of the following two courses:</b>			
	S1 (ONC, EXT)		S1 (ONC)







Course	Semester/mode of offer Toowoomba campus
<a href="#">REN1201 Environmental Studies</a>	S1 (ONC, EXT)
<a href="#">REN2200 Ecology for Sustainability</a>	S1 (ONC, EXT)
<a href="#">REN3301 Biodiversity and Conservation</a>	S2 (ONC, EXT)
<a href="#">REN3302 Sustainable Resource Use</a>	S2 (ONC, EXT)
<a href="#">CL11110 Weather and Climate</a>	S1 (ONC, EXT)
<a href="#">CL12201 Climate Change and Variability</a>	S2 (ONC, EXT)
<a href="#">CL13301 Climate and Environment Risk Assessment</a>	S1 (ONC, EXT)
<a href="#">CL13302 Adaptation to Climate Change</a>	S2 (ONC, EXT)

### Information Technology major

Course	Semester/mode of offer Toowoomba campus
<a href="#">ELE1301 Computer Engineering</a>	S1 (ONC, EXT)
<a href="#">CSC2401 Algorithms and Data Structures</a>	S2 (ONC, EXT)
<a href="#">CSC2402 Object-Oriented Programming in C++</a>	S1 (ONC, EXT)
<a href="#">CSC2408 Software Development Tools</a>	S1 (ONC, EXT), S2 (ONC, EXT)
<b>Select eight of the following courses, with at least three being level 3 courses:</b>	
<a href="#">CSC2404 Operating Systems</a>	S2 (ONC, EXT)
<a href="#">CSC2406 Web Technology</a>	S2 (ONC, EXT)
<a href="#">CSC2407 Introduction to Software Engineering</a>	S2 (ONC, EXT)
<a href="#">CSC3400 Database Systems</a>	S1 (ONC, EXT)
<a href="#">CSC3403 Comparative Programming Languages</a>	S1 (ONC, EXT)
<a href="#">CSC3407 Network Fundamentals and Routing</a>	S1 (ONC, EXT)
<a href="#">CSC3412 System and Security Administration</a>	S1 (ONC, EXT)
<a href="#">CSC3413 Network Design and Analysis</a>	S2 (ONC, EXT)
<a href="#">CSC3419 XML and the Web</a>	S2 (ONC, EXT)
<a href="#">CSC3420 Mobile Internet Technology</a>	S1 (ONC, EXT)
<a href="#">CSC3427 Switching, Wireless and WAN Technologies</a>	S2 (ONC, EXT)

### Mathematics major

Course	Semester/mode of offer Toowoomba campus
<a href="#">MAT2409 High Performance Numerical Computing</a>	S1 (ONC, EXT)
<a href="#">MAT1102 Algebra and Calculus I</a>	S1 (ONC, EXT)
<a href="#">MAT1200 Operations Research 1</a>	S2 (ONC, EXT)
<a href="#">MAT2100 Algebra and Calculus II</a>	S2 (ONC, EXT)
<a href="#">MAT3103 Mathematical Modelling for Dynamics*</a>	S2 (ONC, EXT)
<a href="#">MAT3104 Mathematical Modelling in Financial Economics**</a>	S2 (ONC, EXT)
<a href="#">MAT3105 Harmony of Partial Differential Equations*</a>	S1 (ONC, EXT)
<a href="#">MAT3201 Operations Research 2**</a>	S1 (ONC, EXT)

#### Footnotes

\* Offered in even-numbered years only.

\*\* Offered in odd-numbered years only.

## Mathematics and Statistics major

Course	Semester/mode of offer Toowoomba campus
<a href="#">MAT2409 High Performance Numerical Computing</a>	S1 (ONC, EXT)
<a href="#">MAT1102 Algebra and Calculus I</a>	S1 (ONC, EXT)
<a href="#">MAT1200 Operations Research 1</a>	S2 (ONC, EXT)
<a href="#">MAT2100 Algebra and Calculus II</a>	S2 (ONC, EXT)
<a href="#">MAT3103 Mathematical Modelling for Dynamics*</a>	S2 (ONC, EXT)
<a href="#">MAT3104 Mathematical Modelling in Financial Economics**</a>	S2 (ONC, EXT)
<a href="#">MAT3105 Harmony of Partial Differential Equations*</a>	S1 (ONC, EXT)
<a href="#">MAT3201 Operations Research 2**</a>	S1 (ONC, EXT)
<a href="#">STA2301 Distribution Theory</a>	S1 (ONC, EXT)
<a href="#">STA2302 Statistical Inference</a>	S2 (ONC, EXT)
<a href="#">STA3300 Experimental Design</a>	S1 (ONC, EXT)
<a href="#">STA3301 Statistical Models</a>	S2 (ONC, EXT)

### Footnotes

\* Offered in even-numbered years only.

\*\* Offered in odd-numbered years only.

## IT requirements

For information technology requirements please refer to the [minimum computing standards](#).

## Other program requirements

Students must maintain good standing in this program. Please refer to Section 2 of the [Academic Standing, Progression and Exclusion Policy](#).

## Articulation

This program does not articulate with any other program.

## Exit points

Students may, upon application, exit from the Bachelor of Commerce and Bachelor of Science with a lesser qualification, provided that they have met all the requirements of that lesser qualification.

## Exemptions

Candidates for admission to the Bachelor of Commerce and Bachelor of Science may be eligible for up to 16 units of exemption based on successful completion of relevant, equivalent undergraduate study from a recognised university.

**Note:** where exemptions are granted, maximum and minimum duration will be adjusted in the same proportion as exemptions, for example, where the maximum duration of a program is 5 years and 4 terms, where exemptions are approved, maximum time will be 4½ years and minimum time will be 4 terms.

## Recommended enrolment pattern

