

## Bachelor of Aviation (BAVN) - BAv

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 904771; Springfield campus: 924771

CRICOS code (International applicants): 094756M

**Programs at USQ are regularly reviewed to ensure they remain professionally-relevant, in order to enhance the graduate outcomes of our students. This program is currently being re-accredited and is as a consequence likely to undergo some changes. Full details will be available when it is approved. If you have any questions, please [contact us](#) directly.**

	On-campus*
<b>Start:</b>	Semester 1 (February)
<b>Campus:</b>	Springfield, Toowoomba
<b>Fees:</b>	Commonwealth supported place Domestic full fee paying place International full fee paying place
<b>Standard duration:</b>	3 years full-time, up to 6 years part-time

### Footnotes

\* First year core courses are on-campus mode only (to enhance professional development, employability and University engagement), as detailed in the recommended enrolment pattern for both majors. Generally courses will be available in online mode in years two and three.

## Contact us

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

## Professional accreditation

Graduates of the Bachelor of Aviation (Flight Operations) program will gain professional pilot qualifications issued by the Australian [Civil Aviation Safety Authority](#).

There is no external professional accreditation required for graduates of the Bachelor of Aviation (Aviation Management). However, USQ is fully engaged with professional aviation organisations that will help shape and periodically review the standards expected of graduates.

## Program aims

The Bachelor of Aviation is a professional program that aims to provide an in-depth understanding of the principles and concepts of the aviation system, its components, aircraft operations, and support and enabling processes. In addition, the program aims to equip graduates with a broad and coherent understanding of human performance issues within the aviation system. Graduates in the Flying Operations major will be provided with the requisite flying skills and knowledge to meet the [Civil Aviation Safety Authority](#) requirements of the Australian Commercial Pilot Licence and Instrument Rating or international equivalent.

## Program objectives

Program objectives are to:

- develop a broad and coherent body of knowledge of the aviation industry with depth in the underlying principles and concepts as a basis for independent lifelong learning
- build initiative and judgement in planning, problem solving and decision making in a professional aviation context
- exercise cognitive and practical skills and the ability to exercise critical thinking and judgement in practical situations
- develop written and interpersonal communication skills appropriate to the complex socio-technical aviation system
- develop and apply a range of professional research skills and/or theoretical research methodologies appropriate to the aviation context.

## Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 07. Graduates at this level will have broad and coherent knowledge and skills for professional work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting [www.aqf.edu.au](http://www.aqf.edu.au).

## Program Information Set

View USQ's admission criteria, student profiles and a summary of all offers made under [Course Admission Information Set](#) via the QTAC website.

## Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Have achieved a minimum Australian Tertiary Admission Rank (ATAR) of **62.7**, or equivalent qualification.<sup>^</sup>
- English Language Proficiency requirements for Category 2.

Applicants are advised to also address the following:

- [Assumed Knowledge](#) expectations: English (Units 3 & 4, C) and General Mathematics (Units 3 & 4, C).

While this is not an admission requirement to the program, students planning to undertake the Flight Operations Major will have to hold a Class 1 Medical Certificate issued by the [Civil Aviation Safety Authority](#), as this is one of the regulatory requirements to hold a Commercial Pilot Licence. In addition, students in the Flight Operations major are expected to complete recognised pilot aptitude assessment and interview prior to being allowed to undertake the Flight Operations major. Appropriate advice will be provided to students during their first academic year.

**Please note:** Students intending to undertake the Flight Operations major will be required to co-enrol with a specified flight training school. Please [contact](#) USQ for further information on the application process.

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.

^ These are determined by the University for specific programs each Semester. The 2021 ATAR and tertiary entrance ranks are based on agreed QTAC schedules which assess formal study at Year 12 or [equivalent level](#), tertiary, preparatory, professional or vocational qualifications or work experience, as detailed in the QTAC Assessment of Qualifications Manual and QTAC Assessor Guidelines.

Adjustment factors may help you get into the program of your choice by increasing your entrance rank. The additional points don't apply to all applicants or all programs. Please read the information about USQ's [Adjustment Factors](#) carefully to find out what you may be eligible for.

## 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

Major	Number of units Core	Number of units Major	Total number of units
Aviation Management major	8	16 (including 1 elective)	24
Flight Operations major	8	16 (including 8 units from flight training and two electives)	24

## Required time limits

Students have a maximum of 9 years to complete this program.

## Core courses

Course	Semester of offer Distance/Online <sup>#</sup>	Semester of offer Springfield campus	Semester of offer Toowoomba campus
<a href="#">AVN1101 Introduction to Aviation</a>		1	1
<a href="#">AVN1102 General Aviation Knowledge</a>		1	1
<a href="#">AVN1103 International Aviation</a>		1	1
<a href="#">AVN1104 Introduction to Human Performance in Aviation</a>		1	1
<a href="#">AVN1105 Introduction to Aviation Business</a>		2	2
<a href="#">AVN1106 Aviation Safety Systems</a>		2	2
<a href="#">AVN1107 Aircraft Operations</a>		2	2
<a href="#">AVN1108 Flight Laboratory</a> or Year 1 elective <sup>*</sup>		2	2

### Footnotes

# First year core courses are offered in on-campus mode only (to enhance professional development, employability and University engagement), as detailed in the recommended enrolment pattern for both majors.

\* Students are required to obtain approval from the Program Director (Bachelor of Aviation) before enrolling in elective courses.

## Major studies

All students in the Bachelor of Aviation must select one major study. A major study is a set of courses that make up a coherent, in-depth study of a specific discipline.

### Aviation Management major

Course	Semester of offer Distance/Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
<a href="#">AVN2101 Airport Operations and Management</a>	1	1	1
<a href="#">AVN2102 Managing the Aviation Regulatory Environment</a>	1	1	1
<a href="#">ECO2100 Aviation Economics</a>	2		
<a href="#">MGT2007 Leadership</a>	1		
<a href="#">AVN2103 Airline Operations Management</a>	2	2	2
<a href="#">MGT3203 Project Management Processes</a>	2, 3	2	2

MGT2002 Perspectives of Organisation	2, 3	2	2
AVN3101 Advanced Human Factors in Aviation	1	1	1
AVN3102 Safety Management Systems	1	1	1
AVN3103 Supervised Aviation Research Project (Part 1)	1, 2		
AVN3105 Contemporary Issues in Aviation	2	2	2
AVN3106 Emergency Response Planning	2	2	2
AVN3107 Supervised Aviation Research Project (Part 2)	1, 2		
AVN3109 International Aviation Law	2	2	2
Year 2 elective*			
<b>Year 3 selective — Select one of the following courses:</b>			
ECO3010 International Economics and Trade	1		
MGT3007 Knowledge Management and Organisational Learning	1		
MGT3005 Workforce Design	1	1	1
TOU3008 Tourism Planning and Development	1		1
MGT3010 Business Strategy in a Global Environment	1, 3		
MGT3001 Global Management	1, 3	1	1

#### Footnotes

\* Students are required to obtain approval from the Program Director (Bachelor of Aviation) before enrolling in elective courses.

### Flight Operations major

While this is not an admission requirement to the program, students planning to undertake the Flight Operations major will have to hold a Class 1 Medical Certificate issued by the [Civil Aviation Safety Authority](#), as this is one of the regulatory requirements to hold a Commercial Pilot Licence. In addition, students in the Flight Operations major are expected to complete recognised pilot aptitude assessment and interview prior to being allowed to undertake the Flight Operations major. Appropriate advice will be provided to students during their first academic year.

Students completing the Flight Operations major are required to enrol in on-campus mode, except for AVN3103 and AVN3107.

Course	Semester of offer Distance/Online	Semester of offer Springfield campus
External Flight Training	1, 2	
<a href="#">AVN3101 Advanced Human Factors in Aviation</a>	1	1
<a href="#">AVN3102 Safety Management Systems</a>	1	1
<a href="#">AVN3103 Supervised Aviation Research Project (Part 1)</a>	1, 2	
<a href="#">AVN3105 Contemporary Issues in Aviation</a>	2	2
<a href="#">AVN3107 Supervised Aviation Research Project (Part 2)</a>	1, 2	
<a href="#">AVN3110 Aviation Security Management</a>	2	2
<b>Select two of the following three courses:</b>		
<a href="#">AVN3106 Emergency Response Planning</a>	2	2
Year 3 elective *		
Year 3 elective *		

#### Footnotes

\* Students are required to obtain approval from the Program Director (Bachelor of Aviation) before enrolling in elective courses.

### Electives/Approved courses

Students will be required to obtain approval from the Bachelor of Aviation Program Coordinator before enrolling in elective courses.

Students in the Flight Operations major can enrol in two elective courses. Students will be required to obtain approval from the Bachelor of Aviation Program Coordinator before enrolling in elective courses.

### 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 the [Academic Standing, Progression and Exclusion Procedure](#).

While this is not an admission requirement to the program, students planning to undertake the Flight Operations major will have to hold a Class 1 Medical Certificate issued by the [Civil Aviation Safety Authority](#), as this is one of the regulatory requirements to hold a Commercial Pilot Licence. In addition, students in the Flight Operations major are expected to complete recognised pilot aptitude assessment and interview prior to being allowed to undertake the Flight Operations major. Appropriate advice will be provided to students during their first academic year.

### Exit points

Students not wishing to complete the Bachelor of Aviation may be permitted to exit with the Associate Degree of Aviation (ADAV).

Students may exit with the Associate Degree of Aviation (ADAV) if they have completed 16 first and second year courses as follows:

- 8 core courses
- 8 courses from the Aviation Management major or the Flight Operations major.

## Credit

Candidates for admission to the Bachelor of Aviation may be eligible for up to 16 units of credit on the basis of successful completion of relevant, equivalent undergraduate study from a recognised university or institution offering equivalent study.

For the applicable VET registered diplomas (or equivalent), the University will grant eight units of block credit for the second year of the Bachelor of Aviation (Flight Operations major):

The applicable VET registered diplomas are:

- AVI50219 – Diploma in Aviation (Commercial Pilot Licence – Aeroplane)#
- AVI50319 – Diploma in Aviation (Commercial Pilot Licence – Helicopter)#

Applicants with Military and/or International equivalents to these qualifications will be considered on an individual basis.

From 1 January 2017, the Federal Government replaced the VET FEE-HELP Scheme with the VET Student Loans scheme. The Diploma of Aviation - required for Bachelor of Aviation (Flight Operations major) - offered by qualified Flight Schools is recognised for the new scheme. A VET Student loans [fact sheet](#) from the Government can provide the latest information. If needed please [contact USQ](#) or discuss directly with your proposed aviation registered training organisation (Flight School).

Credit approved in this program will not automatically apply to other programs offered by USQ.

Claims for credit for previous study should be submitted prior to or at the time of enrolment. Each claim will be assessed on individual merit in line with USQ policy.

**Note:** Where credit is granted, maximum and minimum duration will be adjusted in the same proportion as credit.

## Footnote

# While a Commercial Pilot Licence (CPL) is a minimum licensing requirement, some employers may require other ratings such as an Instrument Rating or a Flight Instructor Rating in addition to the CPL.

## Recommended enrolment patterns

Given the program structure information, students should plan their enrolment making sure that they have fulfilled all core, major and elective requirements. Enrolment requirements must be satisfied before enrolling in a course.

As a guide, full-time students should plan to undertake 8 courses per year and part-time students, who are in employment, a maximum of 6 courses per year, with a minimum of 4 courses per year. This is exclusive of any semester 3 enrolments.

## Aviation Management major recommended enrolment pattern

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<a href="#">AVN1101 Introduction to Aviation</a>	1	1					
<a href="#">AVN1102 General Aviation Knowledge</a>	1	1					
<a href="#">AVN1103 International Aviation</a>	1	1					
<a href="#">AVN1104 Introduction to Human Performance in Aviation</a>	1	1					
<a href="#">AVN1105 Introduction to Aviation Business</a>	1	2					
<a href="#">AVN1106 Aviation Safety Systems</a>	1	2					



Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<a href="#">AVN1107 Aircraft Operations</a>	1	2					Pre-requisite: <a href="#">AVN1102</a>
<b>Select one of the following two courses:</b>							
<a href="#">AVN1108 Flight Laboratory</a>	1	2					Pre-requisite: <a href="#">AVN1102</a> and <a href="#">AVN1104</a>
Year 1 elective *							
<a href="#">AVN2101 Airport Operations and Management</a>	2	1			2	1	
<a href="#">AVN2102 Managing the Aviation Regulatory Environment</a>	2	1			2	1	
<a href="#">MGT2007 Leadership</a>					2	1	
Year 2 elective *	2	1			2	1	
<a href="#">AVN2103 Airline Operations Management</a>	2	2			2	2	
<a href="#">MGT3203 Project Management Processes</a>	2	2			2	2	Enrolment is not permitted in <a href="#">MGT3203</a> if <a href="#">MGT2203</a> has been previously completed.
<a href="#">MGT2002 Perspectives of Organisation</a>	2	2			2	2	
<a href="#">ECO2100 Aviation Economics</a>					2	2	
<a href="#">AVN3101 Advanced Human Factors in Aviation</a>	3	1			3	1	Pre-requisite: <a href="#">AVN1104</a>
<a href="#">AVN3102 Safety Management Systems</a>	3	1			3	1	
<a href="#">AVN3103 Supervised Aviation Research Project (Part 1)</a>					3	1	
Year 3 selective	3	1			3	1	
<a href="#">AVN3105 Contemporary Issues in Aviation</a>	3	2			3	2	
<a href="#">AVN3106 Emergency Response Planning</a>	3	2			3	2	
<a href="#">AVN3107 Supervised Aviation Research Project (Part 2)</a>					3	2	
<a href="#">AVN3109 International Aviation Law</a>	3	2			3	2	Pre-requisite: <a href="#">AVN2102</a>

#### Footnotes

\* Students will be required to obtain approval from the program coordinator (Bachelor of Aviation) before enrolling in elective courses.

### Flight Operations major recommended enrolment pattern

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<a href="#">AVN1101 Introduction to Aviation</a>	1	1					
<a href="#">AVN1102 General Aviation Knowledge</a>	1	1					
<a href="#">AVN1103 International Aviation</a>	1	1					
<a href="#">AVN1104 Introduction to Human Performance in Aviation</a>	1	1					
<a href="#">AVN1105 Introduction to Aviation Business</a>	1	2					
<a href="#">AVN1106 Aviation Safety Systems</a>	1	2					
<a href="#">AVN1107 Aircraft Operations</a>	1	2					Pre-requisite: <a href="#">AVN1102</a>
<a href="#">AVN1108 Flight Laboratory</a>	1	2					Pre-requisite: <a href="#">AVN1102</a> and <a href="#">AVN1104</a>
2nd Academic year: Students will undertake flight training with a flight school that is a Registered Training Organisation and the University will give credit (8 units) for successful completion of either <a href="#">AVI50219</a> Diploma of Aviation (CPL-A) or <a href="#">AVI50319</a> Diploma of Aviation (CPL-H).							
<a href="#">AVN3101 Advanced Human Factors in Aviation</a>	3	1			3	1	Pre-requisite: <a href="#">AVN1104</a>
<a href="#">AVN3102 Safety Management Systems</a>	3	1			3	1	
<a href="#">AVN3103 Supervised Aviation Research Project (Part 1)</a>					3	1	
<a href="#">AVN3105 Contemporary Issues in Aviation</a>	3	2			3	2	
<a href="#">AVN3107 Supervised Aviation Research Project (Part 2)</a>					3	2	
<a href="#">AVN3110 Aviation Security Management</a>	3	2			3	2	



Consult the Handbook on the Web at <http://www.usq.edu.au/handbook/current> for any updates that may occur during the year.  
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Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<b>Select two of the following three courses:</b>							
<a href="#">AVN3106 Emergency Response Planning</a>	3	2			3	2	
Year 3 elective *	3	1			3	1	
Year 3 elective *	3	2			3	2	

**Footnotes**

\* Students are required to obtain approval from the Program Director (Bachelor of Aviation) before enrolling in elective courses.