

Bachelor of Aviation (BAVN) - BAv

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

CRICOS code (International applicants): 094756M

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

Notes:

In 2023 the program follows the Semester Calendar. The [Academic Calendar and Important Dates](#) webpage will allow you to view and download a copy of the important dates for the Semester calendar.

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 (Flight Operations and Aviation Management major) and three (Aviation Management major).

Contact us

Future Australian and New Zealand students	Future International students	Current students
Ask a question Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@usq.edu.au	Ask a question Phone: +61 7 4631 5543 Email: international@usq.edu.au	Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email usq.support@usq.edu.au

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, UniSQ 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 Flight 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.

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 research skills to maintain professional currency in the aviation industry and/or theoretical research methodologies appropriate to the aviation context
- act as responsible, ethical professionals based on respect for diversity of cultures and peoples, both locally and globally

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.

Program Information Set

View UniSQ'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.^
- 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).

Although 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.

It is highly recommended that students investigate their ability to hold an Aviation Security Identification Card (ASIC) and/or pass all required security checks as some organisations such as airports require employees to satisfy security clearances as a condition of employment. More information on security requirements for pilots can be found here:

<https://www.casa.gov.au/operations-safety-and-travel/aviation-safety-and-security-pilots/security-requirements-pilots>

Please note: Students intending to undertake the Flight Operations major will be required to co-enrol with a specified flight training school. In addition, when undertaking flight training, students are required to enrol in [AVN3500 Flight Operations Professional Practice](#) (as specified in the Recommended Enrolment Pattern section. Please [contact UniSQ](#) 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 2023 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 UniSQ'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, external or 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	Student Selective	Total number of units
Aviation Management major	8	8	8 **	24

Flight Operations major	8	8	8 (includes 8 units awarded as credit on completion of the Diploma of Aviation (CPL) and linked to AVN3500 Flight Operations Professional Practice)	24
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Footnotes

** Student selective courses must be made up of a combination of Eight Units made up of the following possible combinations: 1 x eight Unit Secondary Major, or 2 x four Unit Minors, or 1 x four Unit Minor and 4 Units of Electives. Students are limited to taking a maximum of 50% of their Student Selection Course Units at Introductory Level. It is strongly recommended that students discuss enrolment plans with the Program Director for 'selective' courses to seek advice about employability outcomes.

Required time limits

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

Core courses

Course	Semester of offer Distance/Online [#]	Semester of offer Springfield Campus	Semester of offer Toowoomba Campus	Students commencing pre-2023 'equivalent' courses
AVN1101 Introduction to Aviation		1	1	
AVN1102 General Aviation Knowledge		1	1	
AVN1103 International Aviation		1	1	
AVN1104 Introduction to Human Performance in Aviation		1	1	
AVN1105 Introduction to Aviation Business		2	2	
MGT1101 Human Capabilities for Business[£]	1, 2, 3	1, 2	1, 2	Year 3 elective for Flight Operations major) Year 2 elective* (Aviation Management major)*

MKT1100 Customer Experience[£]	1, 2	1, 2	1, 2	AVN3103 Supervised Aviation Research Project (Part 1) (Flight Operations Major or Year 3 elective* (Aviation Management major and Flight Operations major.)*
MGT3303 The Equipped Graduate	1, 2	1, 2	1, 2	AVN3107 Supervised Aviation Research Project (Part 2)

Footnotes

- # The majority of 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.
- £ In Semester 3, 2023 this course will be delivered as a Transition (9 week) semester, commencing on 13 November 2023 and concluding on 12 January 2024
- * 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 Springfield Campus	Semester of offer Toowoomba Campus	Students commencing pre-2023 'equivalent' courses
ECO1002 Market Behaviour	2	2	2	ECO2100 Aviation Economics
AVN2104 Aviation Safety Systems	1	1	1	AVN1106 Aviation Safety Systems
AVN3105 Contemporary Issues in Aviation	1	1	1	
AVN2101 Airport Operations and Management	1	1	1	
AVN2103 Airline Operations Management	1	2	2	
AVN3110 Aviation Security Management	2	2	2	AVN3103 Supervised Aviation Research Project (Part 1)
AVN3102 Safety Management Systems	2	2	2	

MGT3006 Employment Relations	2	2	2	MGT2002 Perspectives of Organisation
Minor or student elective**				AVN2102 Managing in an Aviation Regulatory Environment
Minor or student elective**				MGT2007 Leadership
Minor or student elective**				MGT3203 Project Management Processes
Minor or student elective**				AVN1107 Aircraft Operations
Minor or student elective**				AVN3101 Advanced Human Factors in Aviation
Minor or student elective**				AVN3106 Emergency Response Planning
Minor or student elective**				AVN3109 International Aviation Law
Minor or student elective**				AVN1108 Flight Laboratory

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.

** Student selective courses must be made up of a combination of Eight Units made up of the following possible combinations: 1 x eight Unit Secondary Major, or 2 x four Unit Minors, or 1 x four Unit Minor and 4 Units of Electives. Students are limited to taking a maximum of 50% of their Student Selection Course Units at Introductory Level. It is strongly recommended that students discuss enrolment plans with the Program Director for 'selective' courses to seek advice about employability outcomes.

Flight Operations major

Although 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.

Students completing the Flight Operations major are required to enrol in on-campus mode, except for [MGT3303 The Equipped Graduate](#) and [AVN3500 Flight Operations Professional Practice](#).

Course	Semester of offer Distance/Online [#]	Semester of offer Springfield Campus	Semester of offer Toowoomba Campus	Students commencing pre-2023 'equivalent' courses
AVN1108 Flight Laboratory		2	2	
AVN2104 Aviation Safety Systems	1	1	1	AVN1106 Aircraft Safety Systems
AVN2105 Aircraft Operations	1	1	1	AVN1107 Aircraft Operations

AVN3101 Advanced Human Factors in Aviation	1	1	1	
AVN3105 Contemporary Issues in Aviation	1	1	1	
AVN3110 Aviation Security Management	2	2	2	
AVN3102 Safety Management Systems	2	2	2	
AVN3111 Introduction to Unmanned Aerial Vehicle (UAV) Operations	2	2	2	AVN3103 Supervised Aviation Research Project (Part 1)
3rd Academic year: Students will undertake flight training with a specified flight school that is a Registered Training Organisation and holds an Agreement with UniSQ. The University will give credit (8 units) for successful completion of either AVI50222 Diploma in Aviation (CPL-A) or AVI50319 Diploma of Aviation (CPL-H). Students will need to co-enrol in AVN3500 Flight Operations Professional Practice [#] for the duration of time in which they undertake flight training				

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.

Minor Studies

A minor study is a coherent group of four units of courses that provides students with an appropriate breadth of study in their program. All students, except those undertaking a second major, must complete a 4-unit minor study. Students who wish to take a minor study not listed in the recommended minors must obtain permission from the Faculty of Business, Education, Law and Arts. Before undertaking any course, the pre-requisite courses must be completed or exempted.

Please note: When students select a minor(s), courses will only count towards that minor(s) if they have not already counted towards another selected major or minor. Not all minors are available on-campus at all campuses. Students may choose courses from those listed in the [Minor Studies](#) section of this Handbook. Enrolment requirements must be satisfied for any course selected.

Electives/Approved courses

Students that were admitted to the Bachelor of Aviation Program prior to 2023 will be required to obtain approval from the Bachelor of Aviation Program Director before enrolling in elective courses.

It is recommended that students enrolled in the Aviation Management major commencing in 2023 discuss their plans to enrol in a minor or student selective courses with the Program Director (usq.support@usq.edu.au) to enhance employability outcomes.

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 are encouraged to ensure they are able 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.

Please note: Students intending to undertake the Flight Operations major will be required to co-enrol with a specified flight training school. In addition, when undertaking flight training, students are required to enrol in [AVN3500 Flight Operations Professional Practice](#) (as specified in the Recommended Enrolment patterns section). Please contact UniSQ for further information on the application process.

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 third year of the Bachelor of Aviation (Flight Operations major):

The applicable VET registered diplomas are:

- AVI50222 – Diploma in Aviation (Commercial Pilot Licence – Aeroplane)# (previously AVI50219)
- 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 UniSQ](#) 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 UniSQ.

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 UniSQ 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

Students that were admitted to the Bachelor of Aviation prior to 2023, should refer to the previous tables regarding Core courses and Major courses to determine which courses in the current enrolment pattern are considered 'equivalent' to the courses they have already completed.

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	
AVN1101 Introduction to Aviation	1	1					
AVN1102 General Aviation Knowledge	1	1					
AVN1103 International Aviation	1	1					
AVN1104 Introduction to Human Performance in Aviation	1	1					
AVN1105 Introduction to Aviation Business	1	2					
MGT1101 Human Capabilities for Business ^{£***}	1	1, 2			1	1, 2, 3	Enrolment is not permitted in MGT1101 if MGT1000 has been previously completed.
MKT1100 Customer Experience ^{£!!!}	1	1, 2			1	1, 2	Enrolment is not permitted in MKT1100 if MKT1001 has been previously completed (except for Marketing Major students they need to complete MKT1100 and MKT1001).
ECO1002 Market Behaviour ^{~~}	1	2			1	2	Enrolment is not permitted in ECO1002 if ECO1000 has been previously completed
AVN2104 Aviation Safety Systems ^{!!}	2	1			2	1	
AVN2101 Airport Operations and Management	2	1			2	1	
AVN2103 Airline Operations Management	2	1			2	1	
AVN3105 Contemporary Issues in Aviation	2	1			2	1	
AVN3110 Aviation Security Management ^{\$\$}	2	2			2	2	
AVN3102 Safety Management Systems	2	2			2	2	
MGT3006 Employment Relations ^{%%}	2	2			2	2	Enrolment is not permitted in MGT3006 if MGT2006 has been previously completed.
MGT3303 The Equipped Graduate ^{^^}	2	1, 2			2	1, 2	Pre-requisite: Students must have completed a minimum of 16 units prior to enrolling in this course
Minor or student elective ⁺⁺	3				3		
Minor or student elective ⁺	3				3		
Minor or student elective [%]	3				3		
Minor or student elective ^{&}	3				3		
Minor or student elective ^{\$}	3				3		
Minor or student elective [@]	3				3		
Minor or student elective [~]	3				3		
Minor or student elective [!]	3				3		

Footnotes

- £ In Semester 3, 2023 this course will be delivered as a Transition (9 week) semester, commencing on 13 November 2023 and concluding on 12 January 2024
- *** Not required for students who commenced prior to 2023 and have completed a Year 2 elective approved by the Program Director.
- !!! Not required for students who commenced prior to 2023 and have completed a Year 3 elective approved by the Program Director.
- ~~~ Not required for students who commenced prior to 2023 and have completed ECO2100 Airline Economics.
- !! Not required for students who commenced prior to 2023 and have completed AVN1106 Aviation Safety Systems.
- \$\$ Not required for students who commenced prior to 2023 and have completed AVN3103 Supervised Aviation Research Project (Part 1).
- %%% Not required for students who commenced prior to 2023 and have completed MGT2002 Perspectives of Organisation.

^^	Not required for students who commenced prior to 2023 and have completed AVN3107 Supervised Aviation Research Project (Part 2) for students who commenced prior to 2023.
++	Not required for students who commenced prior to 2023 and have completed AVN2102 Managing the Aviation Regulatory Environment.
+	Not required for students who commenced prior to 2023 and have completed MGT2007 Leadership].
%	Not required for students who commenced prior to 2023 and have completed MGT3203 Project Management Processes.
&	Not required for students who commenced prior to 2023 and have completed AVN1107 Aircraft Operations.
\$	Not required for students who commenced prior to 2023 and have completed AVN3101 Advanced Human Factors in Aviation .
@	Not required for students who commenced prior to 2023 and have completed AVN3106 Emergency Response Planning.
~	Not required for students who commenced prior to 2023 and have completed AVN3109 International Aviation Law.
!	Not required for students who commenced prior to 2023 and have completed AVN1108 Flight Laboratory or a Year 1 elective approved by the Program Director..

Flight Operations major recommended enrolment pattern

Students that were admitted to the Bachelor of Aviation prior to 2023, should refer to the previous tables regarding Core courses and Major courses to determine which courses in the current enrolment pattern are considered 'equivalent' to the courses they have already completed.

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	
AVN1101 Introduction to Aviation	1	1					
AVN1102 General Aviation Knowledge	1	1					
AVN1103 International Aviation	1	1					
AVN1104 Introduction to Human Performance in Aviation	1	1					
AVN1105 Introduction to Aviation Business	1	2					
MGT1101 Human Capabilities for Business ^{£%^}	1	1,2			1	1, 2, 3	Enrolment is not permitted in MGT1101 if MGT1000 has been previously completed.
MKT1100 Customer Experience ^{£!~}	1	1, 2			1	1, 2	Enrolment is not permitted in MKT1100 if MKT1001 has been previously completed (except for Marketing Major students they need to complete MKT1100 and MKT1001).
AVN1108 Flight Laboratory	1	2					Pre-requisite: AVN1102 and AVN1104
AVN2104 Aviation Safety Systems ^{\$%}	2	1			2	1	
AVN2105 Aircraft Operations ⁺	2	1			2	1	Pre-requisite: AVN1102
AVN3101 Advanced Human Factors in Aviation	2	1			2	1	Pre-requisite: AVN1104
AVN3105 Contemporary Issues in Aviation	2	1			2	2	
AVN3110 Aviation Security Management	2	2			2	2	
AVN3102 Safety Management Systems	2	2			2	2	
AVN3111 Introduction to Unmanned Aerial Vehicle (UAV) Operations ^{&}	2	2			2	2	
MGT3303 The Equipped Graduate ^{^&}	2	1, 2			2	1, 2	Pre-requisite: Students must have completed a minimum of 16 units prior to enrolling in this course

3rd Academic Year: Students will undertake flight training with a specified flight school that is a Registered Training Organisation and holds an Agreement with UniSQ. The University will give credit (8 units) for successful completion of either AVI50222 Diploma in Aviation (CPL-A) or AVI50319 Diploma of Aviation (CPL-H). Students will need to co-enrol in [AVN3500 Flight Operations Professional Practice](#) for the duration of time in which they undertake flight training.

Footnotes

£	In Semester 3, 2023 this course will be delivered as a Transition (9 week) semester, commencing on 13 November 2023 and concluding on 12 January 2024
%^	Not required by students who commenced prior to 2023 and have completed a Year 3 Elective approved by the Program Director.
!~	Not required by students who commenced prior to 2023 and have completed a Year 3 Elective approved by the Program Director..
\$%	Not required by students who commenced prior to 2023 and have completed AVN1106 Aviation Safety Management Systems.
+	Not required by students who commenced prior to 2023 and have completed AVN1107 Aircraft Operations.
&	Not required by students who commenced prior to 2023 and have completed AVN3103 Supervised Aviation Research Project (Part 1).
^&	Not required for students who commenced prior to 2023 and have completed AVN3107 Supervised Aviation Research Project (Part 2).