



MASSEY UNIVERSITY
COLLEGE OF BUSINESS
KAUPAPA WHAI PAKIHU



**OVERVIEW OF THE BACHELOR OF AVIATION DEGREE
FOR INTERNATIONAL STUDENTS APPLYING FOR:
Commencement in 2020**

INTRODUCTION

The Bachelor of Aviation was first offered by Massey University in 1993. As a professional aviation degree it has unique features. The Professional Pilot licensing requirements of Civil Aviation Authority of NZ are *integrated* in the papers (Courses) and graduates are issued with Commercial Pilot's Licences and Multi Engine Instrument Ratings. Students have to meet the academic, technical and practicum requirements of Parts I, II and III of the degree for the award of CCAANZ Licence and ATPL Theory Credits.

Students are not required to appear for Civil Aviation Authority examinations as conducted by Aviation Services Ltd.

GRADUATE PATHWAYS

QANTAS FUTURE PILOT PROGRAMME (QFPP) WITH MASSEY UNIVERSITY

QantasLink and Jetstar, New Zealand, launched a pilot recruitment program in collaboration with Massey University commencing June 2018. The program is open to graduates from the Bachelor of Aviation, Air Transport Pilot (B.Av- ATP) major, of Massey University School of Aviation. Selected B.Av ATP graduates will benefit from a direct entry pathway to employment as a First Officer on Bombardier Dash 8 aircraft with Jetstar, New Zealand. There could be opportunities also for employment with QantasLink, Australia.

This opportunity is open to graduates who have the legal right to live and work in Australia and NZ.

AIR NZ PREFERRED FLIGHT TRAINING ORGANISATION. (PFTO)

An Air NZ Preferred FTOs is a flight training organisation that Air New Zealand has chosen—as a result of a rigorous selection process—to provide airline-informed ab-initio flight training under the Aviation Institute umbrella.

To become an Air New Zealand Preferred Pilot, students enrolled at Massey University need to complete the Bachelor of Aviation with the Air Transport Pilot major including the Airline Integration Course option.

GRADUATE FLIGHT INSTRUCTOR SCHEME

B.Av graduates who complete the flight instructor course in year three of the degree also graduate with their 'C' category Flight Instructor rating and may apply for a position on the Massey University Graduate Flight Instructor scheme – a two year fixed term contract. Currently this opportunity is open to graduates who have the legal right to live and work in Australia and NZ.

OTHER

International graduates of the Bachelor of Aviation usually return to their home country to convert their NZ licences to those of their home jurisdiction. This duration of this process will

depend on the country concerned. Once that has been completed they then apply for entry - level airline roles or cadetships.

OVERVIEW OF THE DEGREE;

The Bachelor of Aviation (B.Av.-ATP) degree consists of 22 compulsory courses (papers) - 360 credits- plus a further 120 credits (480 credits in total) and will qualify students for:

NZ Private Pilots Licence
NZ Commercial Pilots Licence
NZ Airline Transport Pilot Licence – credits for theory examinations (“frozen ATPL”)
Multi Engine Instrument Rating
Credit for Basic Gas Turbine examinations

Students;

- are in attendance from 8am to 5pm Monday to Friday,
- must maintain a 90% attendance and
- must maintain a 70% pass rate in all practicum papers

ENTRY TO THE DEGREE

Students must meet the following criteria to gain admission to this degree;

1. Successful completion of a qualification equivalent to the New Zealand Year 13 - NCEA Level 3 University Entrance. International students need to check the equivalency of their secondary school qualification by reviewing the list of [Academic Admission Requirements by Country](http://www.massey.ac.nz/massey/international/study-on-campus/entry-requirements/country-requirements.cfm)
<http://www.massey.ac.nz/massey/international/study-on-campus/entry-requirements/country-requirements.cfm>.
2. be successful through the pre-selection processes (see below)
3. hold a current NZCAA Class One Medical Certificate – a list of overseas examiners may be accessed as follows; <https://www.caa.govt.nz/script/ama-dme-os/>
4. Gain an academic IELTS score of 6.5 – no band lower than 6.0.

RECOMMENDED SUBJECTS

Passes in Physics and Mathematics with Calculus to High School Graduation level are strongly recommended to give students the academic background required for this degree.

A “language - based “subject at senior high school level (examples include but are not limited to: English, Economics, History or Geography) is also required for this degree as candidates must demonstrate a good level of competency in verbal and written communication in the English language.

PRE-SELECTION

• Step One

As a Flight Training Partner with the Air NZ Aviation Institute it is now a requirement that all prospective students complete the *ADAPT* pilot pre-screening tool in the first instance.

This test can be accessed on the “ATTTO SkillsConnect” website:

www.nzskillsconnect.co.nz..

Candidates should forward their results directly to the School of Aviation immediately they are advised by ATTTO.

Candidates should meet a satisfactory standard in this test in order to be invited to the subsequent stage of the School of Aviation selection process. (see below)

- Candidates scoring “POOR” on the *ADAPT* test will not proceed to the next stage of the selection process to the degree Bachelor of Aviation – ATP.

- Candidates scoring “BELOW AVERAGE” on the *ADAPT* test may be invited to proceed to the next stage of the selection process at Massey University. Please consult the School of Aviation for more information in such cases.
- Candidates scoring “AVERAGE” or above on the *ADAPT* test will proceed to the next stage of the selection process at Massey University.

- **Step Two**

To ensure students can have a reasonable expectation of satisfactorily completing this degree, candidates invited to the next stage of the selection process for the BAv-ATP degree must meet further selection requirements including:

- online pilot assessment aptitude tests
- a panel selection interview
- writing tasks, including English, Math, Physics, and Navigation assessments.
- Candidates must also obtain a NZ Class One Medical Certificate in accordance with the New Zealand Civil Aviation Authority medical requirements prior to commencing this degree.

Selection interviews and pilot aptitude assessments for international students applying for **Semester 1, 2020** (JANUARY 2020) will be held on **07 November 2019**.

NB; the Selection Board panel only sits in NZ.

Students must therefore present themselves in person at Massey University Campus, Palmerston North, New Zealand.

More details of the date and format of the selection process for each intake will be advised once a candidate has met the minimum requirements to be invited to appear before the School of Aviation Selection Board. (See above)

APPLYING FOR THE BACHELOR OF AVIATION DEGREE;

International students should apply on – line. Please open the link and follow the instructions;
<http://www.massey.ac.nz/massey/admission/enrolment/>

NB: Applications from International Students should be received by the University no later than **01 October 2019**.

January 2019- (MASSEY 74 cohort)

- The **January 2020** course will commence on **Tuesday 21 January 2020** with compulsory Orientation.

July 2019 – (MASSEY 75 cohort)

- The **July 2020** course will commence on **Monday July 6 2020** with compulsory Orientation.

For further information please also visit our website <http://aviation.massey.ac.nz>.

CROSS CREDITING OF LICENCES;

With regard to cross credits, no previous learning can be credited against the B.Av – ATP course. However if you already have a PPL, this may be recognised against flying hours, which are included in the degree programme. *This decision rests with the School of Aviation upon a candidate having met certain criteria.*

LICENCES TAUGHT AT MASSEY UNIVERSITY SCHOOL OF AVIATION

Here is the order of progression for pilot's licences:

Private Pilots Licence	(PPL)
Commercial Pilots Licence	(CPL)

Airline Transport Pilots Licence (ATPL) – Due to the number of flying hours required to complete this licence, Massey University can only offer exam credits for the theory part of this licence. The flying hours then have to be completed to gain this senior licence, once a student has gained a job as a commercial pilot in the airline industry.

An Instrument Rating (IR) is not actually a licence, however can be attached to any of the above licences. Therefore you must have gained, for example a PPL, to gain an IR. The Basic Gas Turbine (BGT) is another rating, at a senior level. Again we can only offer the credits for this rating.

FLYING HOURS AT MASSEY UNIVERSITY SCHOOL OF AVIATION

Each student completes **55 hours flying per semester** which totals **110 hours per year** to a total of **220 hours** by the time they have attained their **CPL (Please note that this will take a minimum of 5 semesters)**.

Students who are then selected into the Flight Instructor Course in their final year log a further 110 hours flight time.

All flight training is carried out in Massey's technologically advanced DIAMOND DA 40 and DIAMOND DA 42 fleet of aircraft.

At the commencement of their degree programme, all B.Av students are issued with an Apple- iPad for use as their **Electronic Flight Bag** (EFB) for the duration of the practicum period of their programme. A small bond is required for this.

FEES FOR 2019. – Please note that the University reviews all fees annually. **Fees for 2020 will be published in October 2019.**

International Student Tuition fees for 2018 have been published in the 2019 Massey University International Student Prospectus (*Page 19*) – and may be downloaded from the Massey University Website as follows ;
<http://www.massey.ac.nz/massey/fms/International%20Students/Documents/Latest%20International%20Prospectus.pdf?2DCDA5201AF73A00D6D12EF8CA874BD3>

NB: The Tuition fees include the following;

- all academic instruction,
- flight training,
- fuel,
- academic credits for ATPL and academic credits for Basic Gas Turbine rating,
- airport landing charges,
- headsets,
- course material (excluding some text books) ,
- re- and post - flight briefings, and
- flight simulator instruction.

NB: Remedial flight training where it is identified as being necessary for the purpose of passing flight test (s) will incur additional fees. Such fees will be discussed with the student prior to any remedial flight training being delivered.

NB The tuition fees do not include;

- Uniform – approx. \$ 660;
- NZCAA Class 1 Medical - approx. \$NZ 600
- Selection Day Assessment fee – \$185,
- the issuing of the various licences (CAA fees apply), FPP application fee
- Registration for Apple-iPad (EFB)

In addition all accommodation, visa, travel and medical insurance (compulsory), living costs as well as personal spending costs are in **addition to the above**.

The information is for estimation purposes only. Actual fees payable will be finalised on confirmation of enrolment. Unless otherwise stated, all fees shown on this page are quoted in New Zealand dollars and include Goods and Services Tax. You should also read the University's [Disclaimer Notice](#) before relying on any information on these pages.

ACCOMMODATION: Massey University offers students the option of on-campus living in a student Hall of Residence on the Turitea Campus. Alternatively students may stay with a University - approved homestay family, or in a private single or shared apartment.

- It is important to note that the majority of classes and all flight training is carried out at the Milson Flight System Centre (MFSC) which is approximately 11kms from the main Massey University Turitea Campus. **Transportation from any accommodation option to the MFSC is the student's own responsibility.**

TOURS OF THE MASSEY UNIVERSITY MILSON FLIGHT SYSTEMS CENTRE, PALMERSTON NORTH

Should you wish to visit the Milson Flight Systems Centre here in Palmerston North to see the facilities, the new Diamond Fleet of training aircraft and to meet the staff please feel free to ask me to arrange this for you.

