

BACHELOR OF AVIATION – 2020 Domestic students



OVERVIEW OF THE DEGREE;

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.

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.

The BAv-ATP degree consists of **22 compulsory papers (360 credits)** plus a **further 120 credits** and will qualify you for:

Private Pilots Licence

Commercial Pilots Licence

Airline Transport Pilot Licence – Credits for theory examinations

Multi Engine Instrument Rating

Credit for Basic Gas Turbine examinations

Notes:

- Due to the number of flying hours required to complete this licence, Massey University offers the exam credits only for the theory section of the ATPL licence. The required flying hours must still be completed to gain this senior licence.
- 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.

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 will be open to graduates from the Bachelor of Aviation, Air Transport Pilot (BAV ATP) major, of Massey University School of Aviation. Selected BAv 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.



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, and will graduate with a 'C' Cat Flight Instructor rating .

ENTRY TO THE DEGREE

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

1. meet the University academic requirements for University Entrance (ie via NCEA or IB or Cambridge examinations)
2. be successful through the pre-selection processes (see below)
3. hold a current NZCAA Class One Medical Certificate

RECOMMENDED SUBJECTS

Passes in **Physics (especially Vectors, Electricity and Magnetism, Dynamics and Kinematics)** and **Mathematics with Calculus (especially Differentiation and Integration)** at Year 13 (High School Graduation) are strongly recommended to give students the academic background required for this degree.

COMPULSORY:

Proficiency in the English Language

Good written and verbal communication skills are essential so a **pass in a “Language – based “subject at NCEA L 3 is compulsory**. Examples of such subjects include (but are not limited to) History, R.E, Classic Studies, Economics, Biology, English Media Studies etc.

- NB:** A pass in English is required to at least Year 12 level (NCEA Level 2) for students to attain University Entry.

TRIAL FLIGHT

All candidates are required to have had **at least one** trial (experience) flight in a small aircraft before appearing for the Selection Board (interview etc).

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.

NB ; Firefox tends to be the preferred browser on which to sit this test. Chrome has occasionally presented some issues around ‘Flash’ allowing the webcam to operate.

Alternatively if you experience any issues in sitting the test it can be due to your computer’s own configuration or the IP address, it is suggested that students should try using a different computer in a completely different location (such as a friend’s house).

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. Such candidates should refer to the School of Aviation for more advice as they will be considered on a case by case basis.

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:

{ a pilot aptitude test

{ a 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.

The above selection tests are always held at Massey University, Palmerston North, New Zealand.

Scheduled dates for selection interviews and tests for 2019 (**Semester 1, 2020**) are as follows; the week of **December 02-06 2019**.

☐ NB: Students will be required on **one of these days only during this period**.

APPLYING FOR THE BACHELOR OF AVIATION DEGREE; - DOMESTIC STUDENTS ONLY – 2020.

Semester 1, 2020: If you are considering applying for the degree commencing in 2020 then please enrol online at http://www.massey.ac.nz/massey/admission/enrolment/online_enrolment/online_enrolment-homepage.cfm

☐ **The January 2020 course (Massey 74) commences with Compulsory Orientation on 21 January 2020. No late commencement permitted. Classes commence Tuesday 22 January 2020.**

☐ **The July 2020 course (Massey 75) commences with Compulsory Orientation in early July- date to be advised.** 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 BAv – ATP course. However if you already have a PPL, this may be recognised against flying hours, which are included in the degree programme.

TUITION FEES – Bachelor of Aviation – Air Transport Pilot (fees for 2020- to be announced October 2019.)

- **NB: The below fees are the total tuition fees per year; the ‘Fees Free First Year Scheme’ rebate is *not* reflected in the fees quoted below.**
- **The fees stated below are *tuition fees* for the **2019 year only** – Tuition fees are reviewed annually**

Domestic Student –

1. First Year \$ 49,664.00

2. Second Year \$ 66,661.00

3. Third year – depends on which option chosen;

i.e. *Option a*) Aviation/ Business Management Papers - \$5957.00; - (three years = \$122,282.00

(approximately – depends in which elective papers students are enrolled);

Or

Option b) Flight Instructor Course (entry by selection only) - \$49,242.00 (based on paper 190313 as elective); (three years = \$165,567.00)

(NB: all the above not incl non - tut fees of approx..\$752.00)

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.

NB:

1. The above 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 (except for some text books), pre- and post - flight briefings, and flight simulator instruction.
2. The above fees do not include Uniform - approx \$ 650; Class 1 Medical – approx. \$600, (plus CAA assessment fees) and the Selection Day Assessment fees - \$185, CAA Licence & Rating (MEIR) application and issue fees, any flight hours additional to scheduled course hours, supplementary examination fees (re-sit), FPP application fee, ICAO Language Proficiency exam – either the 'Level 6 Demonstration' (\$128) or the 'Formal Language' assessment (\$325.) *These may be claimed as "Course Related Costs "– up to \$1000 annually.*
3. Accommodation and living costs are in addition to the above.

STUDY LINK ; STUDENT LOAN AND THE BAV DEGREE : 2019

- All students enrolled in Parts 1 and 11 (Year One) the NZ Government Student Loan will meet the cost of the tuition fees.
- All students in enrolled in Part 111 (Year Two) Papers the NZ Government Student Loan will meet most of the cost of the tuition fees. All students will face a shortfall between the available Student Loan and the total cost of the tuition fees. In 2019 this shortfall is \$14,161.00.
- Year three: Students enrolled in the 3rd year Option (Flight Instructor Course) will also face a shortfall between the available Student Loan and the tuition fees. In 2019 this shortfall is \$14,242.00.

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.**
- **ACCOMMODATION APPLICATIONS** should be done online via the Massey University website;
<http://www.massey.ac.nz/massey/fms/Student%20services/Accommodation/Documents/Application%20for%20Accommodation.pdf>

The **Common Confidential Reference Form** may be downloaded as follows and should be given to your school for completion as soon as possible.

- <http://www.massey.ac.nz/massey/fms/Student%20services/Accommodation/Documents/Common%20Confidential%20Reference.pdf>

TOURS OF THE MASSEY UNIVERSITY FLIGHT OPERATIONS CENTRE (FOC) , PALMERSTON NORTH



Should you wish to visit the Milson Flight Systems Centre here in Palmerston North this must be prearranged in order to minimise disruption to our training schedules. Please feel free to email Anke Smith - aviation@massey.ac.nz – to arrange a



tour of the facilities, simulators, the Diamond fleet of training aircraft and to meet the staff.