

Bachelor of Applied Science (Aviation)

2019

Undergraduate

Get prepared for employment in a range of operational, management and planning roles in the dynamic and vibrant aviation industry.

Through this program, you'll gain a broad awareness of the aviation industry and a range of analytical skills, giving you a comprehensive appreciation of the aviation operating environment. You'll develop breadth and depth of thinking, and the ability to solve problems relevant to the aviation industry.

The program contains two specialised streams.

The **Aviation Operations and Management** stream focuses on developing a breadth of skills and knowledge across the aviation industry. This includes operational and management aspects of airlines and airports, as well as cargo and logistics, ground handling, and safety.

The **Piloting** stream is where you'll gain the skills required to become a commercial pilot, while also learning about the aviation industry. Flight training can be taken in conjunction with RMIT Flight Training at Point Cook, or with any other government-approved provider.

This program offers a career development option for people who already hold a commercial pilot licence. Commercial pilots can also receive up to one year of advanced standing credit.

You'll also be able to tailor the program to suit your interests and desired career path, through many general, business and aviation electives.

Industry connections

This program has connections to a range of aviation industry organisations.

In all years of the program, industry-based professionals deliver lectures that are designed to enhance your understanding of the aviation industry.

Some final year projects are also supported by aviation industry professionals.

International opportunities

RMIT encourages you to aspire to a global career, not just a local one.

Through partner organisations in Europe, Asia and the United States, the RMIT International Industry Experience and Research Program (RIERP) offers workplace training and academic research placements for between 6 and 12 months.

There are also opportunities to study abroad through Education Abroad.

Career outlook

Professionals in the aviation industry are in demand, not only in Australia, but across the globe. With a rapidly growing population that seeks to travel internationally, the need for well-planned and managed airlines, airports and related organisations will become even more important.

Graduates may choose to embark on professional careers in the following areas:

- airline management or operations
- airport management or operations
- airport operations or planning
- aviation charter business
- aviation consulting
- aviation regulation and safety
- commercial pilot

Pathways

For the piloting stream, graduates of the Associate Degree in Aviation (Professional Pilots) are guaranteed entry with 1.5 years of credit (144 credit points).

For the management stream, if you have completed a nationally recognised Diploma of Engineering in aerospace or aviation you may be eligible for up to 96 credit points (equivalent to one year) in advanced standing. If you have completed an Advanced Diploma or Associate Degree in Engineering, aerospace or aviation, you may be eligible for up to 144 credit points (equivalent to 1.5 years) of advanced standing.

Program snapshot

Program code: BP070

Duration

Full-time: 3 years
Part-time may be available

Location

City campus

Selection mode

Operations and Management stream
ATAR (2018: 75.75)

Piloting stream
ATAR (2018: 73.15)

How to apply

Semester 1: VTAC
vtac.edu.au

Semester 2: Direct to RMIT
rmit.edu.au/programs/apply/direct

Fees

For local fee information:
rmit.edu.au/programs/fees

Contact

Info Corner
330 Swanston Street
(cnr La Trobe Street)
Melbourne VIC 3000
Tel. +61 3 9925 2260

rmit.edu.au/programs/bp070

Program structure - Aviation Operations and Management Stream

Year 1

You'll develop a breadth of skills and knowledge across the aviation industry.

Year 2

You'll learn the operational and management aspects of airlines and airports, as well as ground handling and safety.

Year 3

While completing your studies you'll have the opportunity to tailor your degree to your preferred area of future employment.

Year 1	Managing the Engineering Environment	Introduction to Aircraft	Introduction to Aviation	Aviation Mathematics
	Aviation Quality Systems	Business Computing 1	Aircraft Systems	University elective
Year 2	Aviation Industry Environment	Airport/Airline Operations	Human Factors in Aviation	Program elective
	Airport Planning and Management	Airline Operations	Sustainable Aviation and the Environment	University elective
Year 3	Aircraft Maintenance Management	Aviation Strategy in the Global Context	Aviation Project Management	Aviation elective
	Aviation Industry Project	Aviation Safety and Security Systems	Program elective	Aviation elective

Program structure - Piloting stream

Year 1

You'll develop a breadth of skills and knowledge across the aviation industry.

Year 2

You'll learn the operational and management aspects of airlines and airports, as well as ground handling and safety. You'll also undertake your recreational pilot licence.

Year 3

While finishing your studies you'll undertake your private pilot licence and commercial pilot licence.

Year 1	Managing the Engineering Environment	Introduction to Aircraft	Introduction to Aviation	Aviation Mathematics
	Aviation Quality Systems	Aircraft Systems	Sustainable Aviation and the Environment	University elective
Year 2	Aviation Industry Environment	Airport/Airline Operations	Human Factors in Aviation	Aviation Project Management
	Airport Planning and Management	Airline Operations	Theory to Recreational Pilot Licence	Flying to Recreational Pilot Licence
Year 3	Aircraft Maintenance Management	Theory to Private Pilot Licence	Flying to Private Pilot Licence	Introduction to Commercial Pilot Licence
	Aviation Industry Project	Aviation Safety and Security Systems	Theory to Commercial Pilot Licence	Flying to Commercial Pilot Licence

Compulsory courses
 Program electives
 University electives
 Aviation electives

Please note: This is an example of the program structure. Courses may change and may not be available each semester.

This information is designed for Australian and New Zealand citizens and permanent residents of Australia.

Disclaimer: Every effort has been made to ensure the information contained in this publication is accurate and current at the date of printing. For the most up-to-date information, please refer to the RMIT University website before lodging your application. Visit www.rmit.edu.au. RMIT University CRICOS Provider Code: 00122A. RMIT Registered Training Organisation code: 3046. Prepared June 2018.