



Bachelor of Aviation (Management) Structure 2024

The minimum units for graduation = 144 Units of Credit (UOC)

Each stage = 48UOC

Stage 1

Core Courses All are compulsory Total = 36UOC	Free Elective Choose 2 courses Total = 12UOC
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Intro to Human Factors AVIA1401 Term 1	Simulation in Aviation/Airworthiness Management AVIA1301 T1
Aviation Transport Economics AVIA1901 Term 2	Macroeconomics 1 ECON1102 T1, T2, Summer
Introduction to Science Communication BEES2680 Term 2	Business Decision Making COMM1100 T1, T2, T3
Stats for Life & Social Sciences MATH1041 Term 2	Evidence-Based Problem Solving COMM1110 T1, T2, T3
AK for Aviation Managers AVIA1011 Term 3	Collaboration and Innovation in Business COMM1120 T1, T2, T3, Summer
Maths for Life Sciences MATH1031 Term 3	Financial Management COMM1140 T1, T2, T3

Recommended Free Electives

Stage 2

Core Courses All are compulsory Total = 18UOC	Prescribed Electives Choose 1 course Total = 6 UOC	Free Electives Choose 3 courses Total = 18UOC
		General Education Choose 1 course Total = 6 UOC

Airline Financial Analysis & Decision Support AVIA2902 Term 1	Airline Marketing and Distribution AVIA2501 Term 1	Free Electives Total = 18UOC
Aviation Law and Regulations AVIA2401 Term 2	Aviation Operations Research AVIA2601 Term 1	General Education Total = 6UOC
Airport Management AVIA2851 Term 3	Air Transport Economics and the Environment AVIA2910 Term 1	Advanced Human Factors AVIA2011 Term 3
	Aviation Security and Air Freight Logistics AVIA2702 Term 2	Managing People MGMT2721 Term 3
	Quantitative & Qualitative Research Methods in Aviation AVIA2610 Term 2	Introduction to Airborne Drone Management AVIA2025 Term 3

Stage 3

Core Courses All are compulsory Total = 24UOC	Prescribed Electives Choose 2 courses Total = 12UOC	Free Elective Choose 1 courses Total = 6UOC
		General Education Choose 1 course Total = 6 UOC

Aviation Safety and Resource Management AVIA3401 Term 1	Environmental Performance of Aviation AVIA3910 Term 1	Free Elective Total = 6UOC
Aviation Research Methods AVIA3710 Term 1	Human Factors Tools and Methods AVIA3011 Term 1	General Education Total = 6UOC
Airline Management AVIA3101 Term 2	Advanced Aviation Law and Regulation AVIA3410 Term 2	Aviation Data Modelling AVIA3610 Term 3
Airline Resource Management AVIA3201 Term 3	Workplace Safety AVIA3013 Term 2	Aviation Safety Management Systems AVIA3012 Term 3
	Flight Data Analytics AVIA3601 Term 3	WIL Placement AVIA3199 Term 1,2,3
	Aviation & Sustainable Tourism AVIA3900 Summer Term	

A maximum of 60 units of credit of level I courses can be taken throughout the entire program, excluding any GEN*#### or other mainstream level I courses taken to fulfil the 12 UoC General Education requirement.

MINORS

As part of the revised Bachelor of Aviation (Management) students will be able to choose one of three integrated optional minor specialisation streams, which are supported by the introduction of some new courses:

AVIAC2 Aviation Data Analytics (24UOC)

Level 2 Core Courses to the Specialisation (12UOC)

- AVIA2610 Quantitative and Qualitative Research Methods in Aviation (6UOC) (pre-requisite: MATH1031/1041)
- AVIA2601 Flight Operations Research (6UOC) (pre-requisite: MATH1031/1041* or equivalent)

Level 3 Core Courses to the Specialisation (12UOC)

- AVIA3601 Flight Data Analytics (6UOC) (pre-requisite: AVIA2XXX Quantitative and Qualitative Research Methods in Aviation)
- AVIA3610 Aviation Data Modelling (6UOC) (pre-requisite: AVIA2XXX Quantitative and Qualitative Research Methods in Aviation)

AVIAD2 Aviation Law and Sustainability (24UOC)

Level 2 Core Courses to the Specialisation (6UOC)

- AVIA2910 Air Transport Economics and the Environment (6UOC)

Level 2 Prescribed Courses to the Specialisation (6UOC)

- AVIA2610 Quantitative and Qualitative Research in Aviation (6UOC), OR
- AVIA3900 Aviation and Sustainable Tourism (6UOC)

Level 3 Core Courses to the Specialisation (12UOC)

- AVIA3410 Advanced Law and Regulation in Aviation (6UOC)
- AVIA3910 Environmental Performance of Aviation (6UOC)

AVIAE2 Human Factors and Aviation Safety (24UOC)

Level 2 Core Courses to the Specialisation (6UOC)

- AVIA2011 Advanced Human Factors (pre-requisite: AVIA1401 Introduction to Human Factors: The Safety Science of Human Performance)

Level 3 Core Courses to the Specialisation (18UOC)

- AVIA3013 Workplace Safety (6UOC)
- AVIA3011 Human Factors Tools and Methods (6UOC)
- AVIA3012 Aviation Safety Management Systems (6UOC)