Science

Bachelor of Aviation (Management) (3981) - [Handbook](#)

2023 Commencing Students
Program Structure

Single Degree Mode

PROGRAM STRUCTURE				
Core courses in Aviation (Management)	96 UOC (16 courses)	96 UOC	144 UOC	
Aviation (Management) Electives				
Free Electives	36 UOC (6 courses)	48 UOC		
General Education	12 UOC (2 courses)			

Free Electives are courses from any Faculty at UNSW including Science, but cannot be GEN-branded courses

General Education must taken from courses that are not considered [Science Electives](#)

Science students cannot take GENS courses under any circumstance

Students in Single Degree Mode cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

Year 1

AVIA1321 Fundamentals of Aviation (T1)	AVIA1902 Airline Financial & Decision Support (T2)	AVIA1401 Intro to Human Factors (T3)
AVIA1901 Aviation Transport Economics (T1)	MATH1041 Stats for Life & Social Sciences (T2)	MATH1031 Maths for Life Sciences (T3)
6 UOC Free Elective (See note 1)	6 UOC Free Elective (See note 1)	

Year 2

AVIA2501 Airline Marketing Strategies (T1)	AVIA2401 Aviation Law & Regulations (T2)	6 UOC Level 2 Prescribed Electives (See note 2)
6 UOC Level 2 Prescribed Electives (See note 2)	AVIA2701 Aviation Security & Airport Mgmt (T2)	6 UOC Free Electives (See note 1)
6 UOC Free Electives (See note 1)	6 UOC General Education	

Year 3

AVIA3101 Airline Management (T1)	AVIA3710 Aviation Research Methods (T2)	AVIA3201 Airline Resource Management (T3)
AVIA3401 Aviation Safety & Resource Mgmt (T1)	6 UOC Level 3 Prescribed Electives (See note 3)	6 UOC Free Elective (See note 1)
6 UOC Free Elective (See note 1)	6 UOC General Education	

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.
See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note 1: Recommended Free Electives: If you are looking for first year business courses to broaden your commercial understanding, consider: COMM1140 Financial Management, COMM1100 Business Decision Making, COMM1110 Evidence-Based Problem Solving, COMM1120 Collaboration and Innovation in Business, ECON1101 Microeconomics, ECON1102 Macroeconomics (has ECON1101 as prerequisite). If you are interested in enhanced aviation data analytics and optimisation modelling, consider AVIA2601 Aviation Operations Research. For knowledge in design and operations of baggage handling system, consider AVIA2101 Baggage Handling System Design, Technology & Operations. If you are interested in practical knowledge in regional and general aviation, consider AVIA2801 Regional and General Aviation. For theories and practice in drone management, air traffic management, safety management and airport management, consider AVIA2025 Introduction to Airborne Drone Management, AVIA3301 Simulation Application and Air Traffic Management, AVIA3013 Workplace Safety, or AVIA3851 Airport Management 2. If you are interested gaining more knowledge in aviation and sustainable development, consider AVIA2910 Air Transport: Economics and the Environment, AVIA3900 Sustainable Aviation and Tourism or AVIA3910 Environmental Performance Evaluation of Aviation: Theories and Techniques. If you are interested in gaining more depth in aviation law, consider AVIA3410 Advanced Law and Regulation in Aviation."
Note 2: Level 2 Prescribed Electives : AVIA2910(T1) , AVIA2101(T2), AVIA2601(T3), AVIA2801(T3), AVIA2025(T3)
Note 3: Level 3 Prescribed Electives : AVIA3301(T1), AVIA3410(T2), AVIA3910(T2), AVIA3851(T3), AVIA3013(T3), AVIA3900(Summer Term)