



Bachelor of Aviation (RPAS) Structure 2025

General Education courses are compulsory and cannot be from the Faculty of Science. Please see the list of available Gen Ed courses on the UNSW Online Handbook.

The definitive curriculum is as published in the UNSW Online Handbook (handbook.unsw.edu.au)

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

Each stage = 48UOC

Core Courses All are compulsory Total = 126UOC	Prescribed Electives Choose 1 course Total = 6UOC	General Education Choose 2 course Total = 12UOC
---	--	--

Stage 1

Simulation in Aviation or Airworthiness Management AVIA1301 Term 1	Introduction to Human Factors AVIA1401 Term 1	Maths for Life Sciences MATH1031 Term 1
Stats for Life & Social Sciences MATH1041 Term 2	Aviation Transport Economics AVIA1901 Term 2	Introduction to Science Communication BEES2680 Term 2
Basic Aeronautical Knowledge AVIA1111 Term 3		

Stage 2

Commercial Navigation AVIA2111 Term 1	Commercial Meteorology AVIA2112 Term 1	Commercial HF, Flight Rules & Air Law AVIA2113 Term 1
Drone Operations Management AVIA2125 Term 2	Drone Information Systems AVIA2225 Term 2	Quantitative & Qualitative Research Methods in Aviation AVIA2610 Term 2
Advanced Human Factors AVIA2011 Term 3	Instrument Rating AVIA2117 Term 3	

Stage 3

Human Factors Tools and Methods AVIA3011 Term 1	WIL Placement AVIA3199 Term 1	Environmental Performance Evaluation of Aviation AVIA3910 Term 1
Aviation Safety & Resource Management AVIA3401 Term 1	Aviation Research Methods AVIA3710 Term 1	
Drone Programming & Applications AVIA3025 Term 2	Airline Management AVIA3101 Term 2	Flight Data Analytics AVIA3601 Term 2
General Education Choose 2 course Total = 12 UOC Term 3		