

# **UNSW Aviation**

## **Leading through Science**

**Prof. Brett Molesworth**  
**Head of School**



**UNSW**  
SYDNEY

# Your program, your way.

## Flexibility:

Common first year of courses

## Options to personalise learning:

Aviation specialisations  
Work-integrated learning  
Learn to fly (additional cost)

### Bachelor of Aviation (Management)

Become a leader in aviation management  
Specialise in key aviation areas  
Work Integrated Learning experience  
Opportunity to learn how to fly (additional cost)  
3 year degree

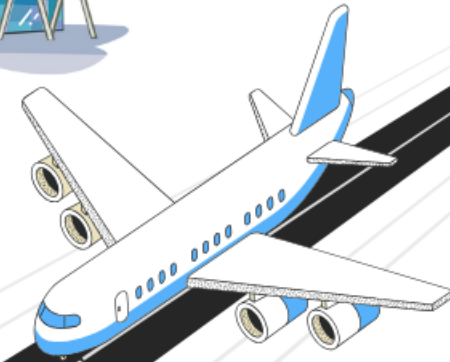
### Bachelor of Aviation (Management) Bachelor of Commerce

Opportunity to undertake dual degree  
Collaboration between Aviation & Business  
4 year degree



### Bachelor of Aviation (Flying)

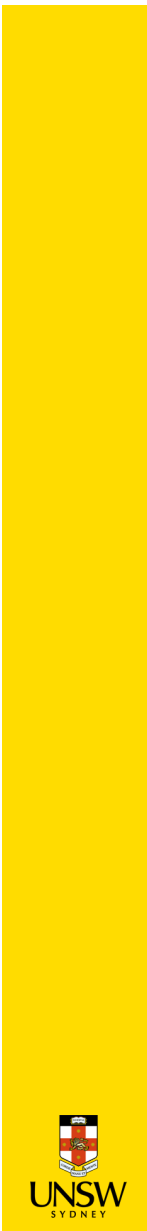
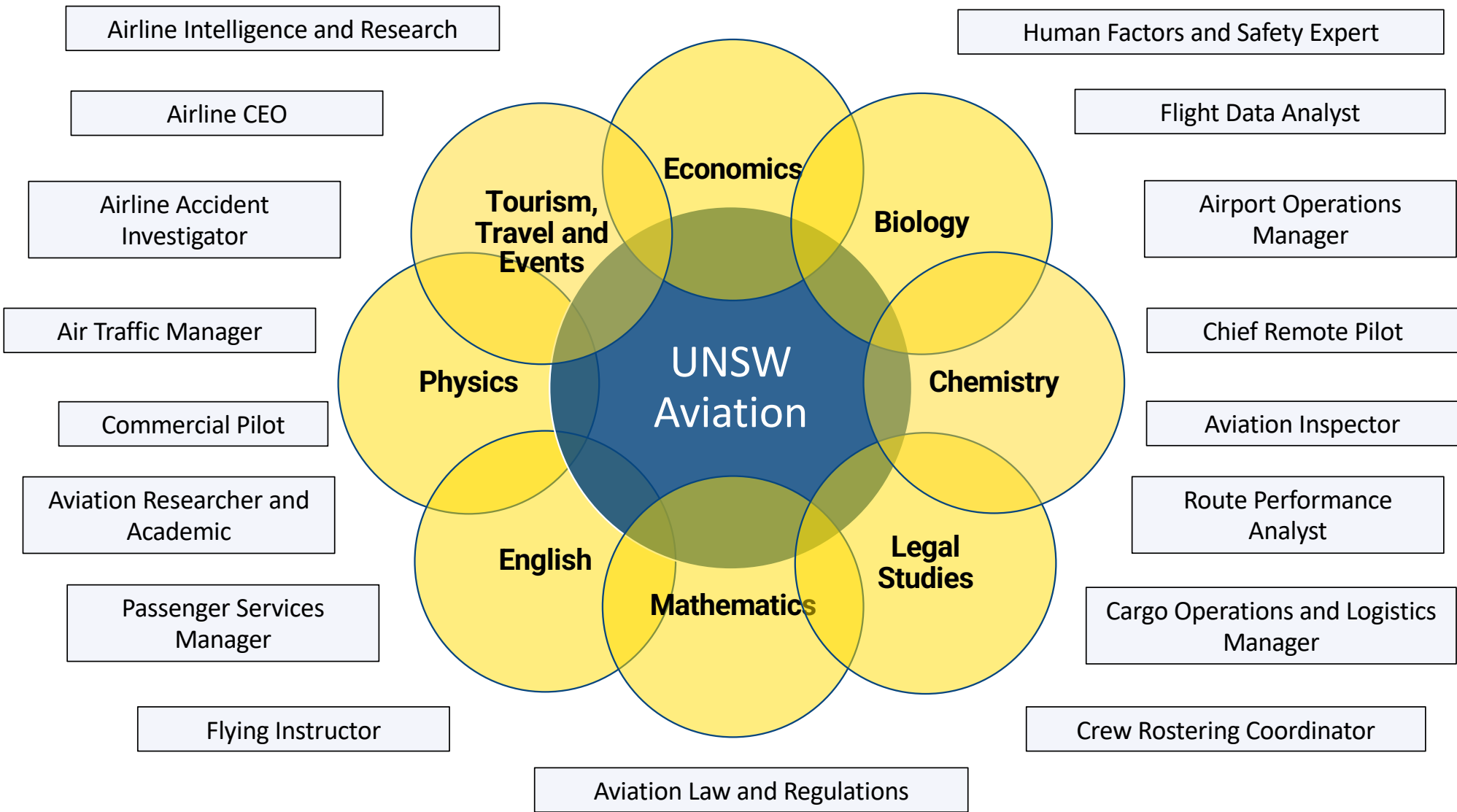
Become a world-class commercial pilot  
In-house flight and simulator training  
at Bankstown Airport  
Taught by experts in the flight industry  
3 year degree



### Bachelor of Aviation (Remotely Piloted Aircraft Systems)

Become a drone pilot and/or business owner  
Help to solve key challenges in society  
Taught by drone business owners and pilots  
3 year degree





## First Year Core

- Foundational Statistics & Mathematics
- Communication Skills for STEMM
- Introductory Human Factors
- Basic Aeronautical Knowledge
- Simulation in Aviation
- Airworthiness Management
- Aviation Transport Economics

## Flying

- Navigation
- Meteorology
- Human Factors, Flight Rules & Air Law
- Aerodynamics and Aircraft Systems
- Operations
- Performance and Planning
- Instrument Rating
- Flight Planning
- Aviation Safety and Resource Management
- Aviation Research Methods

## Management

- Aviation Law and Regulations
- Airport Management
- Airline Management
- Aviation Safety and Resource Management
- Aviation Research Methods
- Aviation Security and Air Freight Logistics
- Airline Marketing
- Introductory Drone Management
- Sustainable Aviation and Tourism
- Aviation Data Modelling

## Remotely Piloted Aircraft Systems

- Navigation
- Meteorology
- Human Factors, Flight Rules & Air Law
- Instrument Rating
- Drone Operations Management
- Drone Information Systems
- Drone Programming and Applications
- Aviation Safety and Resource Management
- Aviation Research Methods
- Flight Data Analytics

## Aviation Work Placement (Optional)

# Aviation in the classroom

- Support from UNSW Aviation experts to deliver aviation activities in your classroom.
- Examples include:
  - **Airline ticketing activity** (Economics, Business Studies)
  - **Aviation flight rule activity** (Science, Mathematics)



*Interested to learn more? Scan the QR code and complete the survey*

<https://forms.office.com/r/515e6ESZSb>



# Year 9 to 12 Short Course (2 days): Current Affairs in Aviation

**Date:** Tuesday 8 and Wednesday 9 October 2024

**Time:** 9.30am – 3.30pm (both days)

**Location:** HYBRID (UNSW Sydney, Kensington and online via Zoom)

**Cost:** \$25 (*100% of the registration fee is donated to the Royal Flying Doctor Service*)

*Registrations close Friday 4<sup>th</sup> October COB*



<https://www.trybooking.com/events/landing/1227439?>



# Thank you!



**UNSW Aviation Website:**

<https://www.unsw.edu.au/science/our-schools/aviation>



**UNSW School of Aviation on LinkedIn:**

<https://www.linkedin.com/company/unsw-aviation/>



**UNSW Aviation on Instagram:**

<https://www.instagram.com/unswaviation/>