

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)



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SYDNEY

Aviation

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

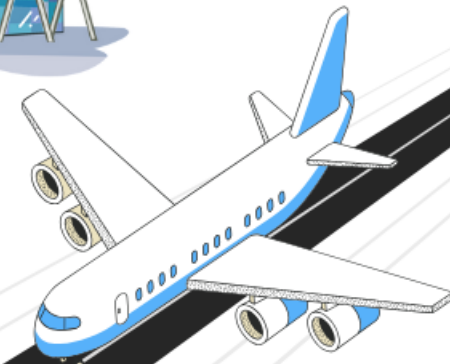
Bachelor of Aviation (Management) Bachelor of Commerce

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



Bachelor of Aviation (Flying)

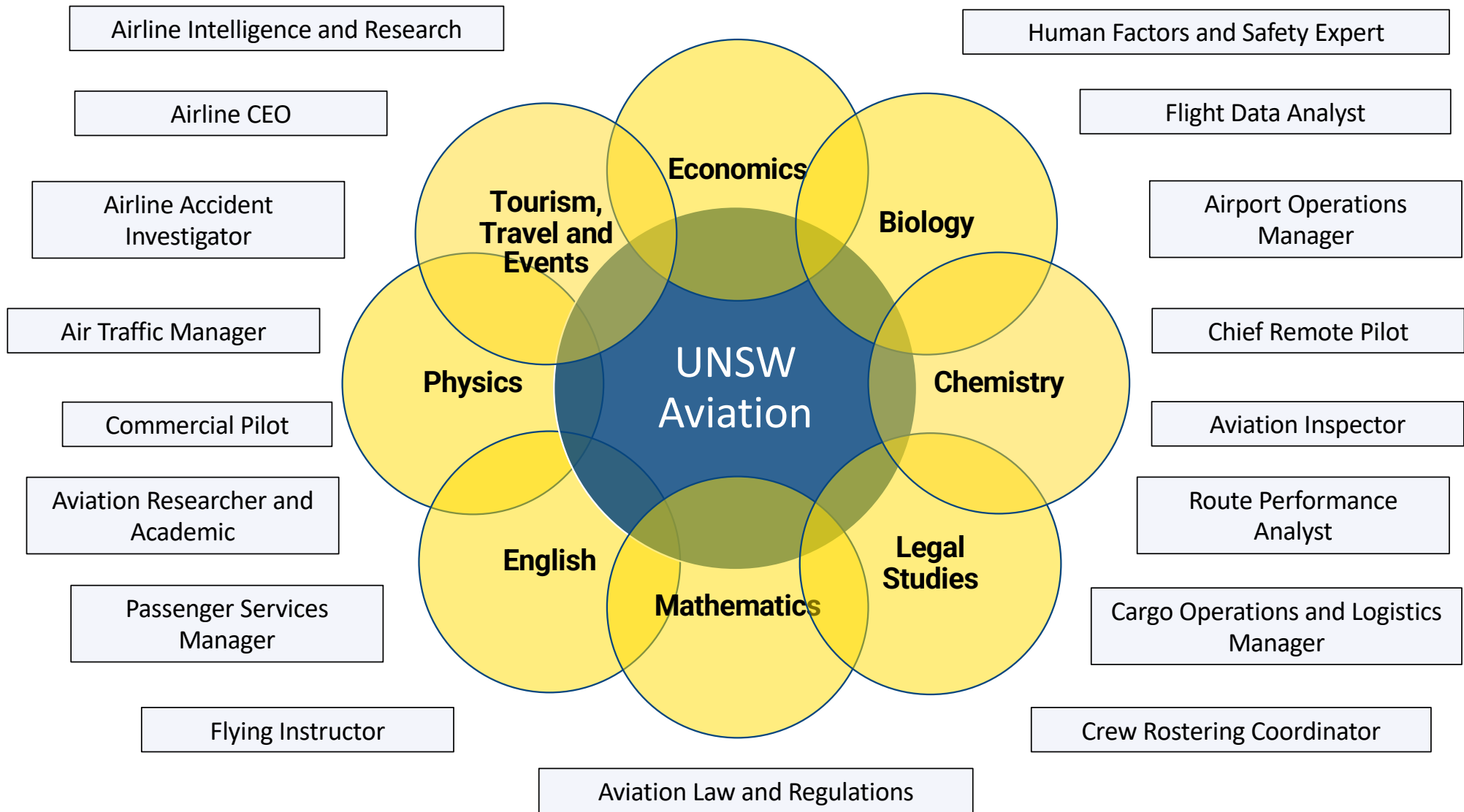
Become a world-class commercial pilot
In-house flight and simulator training
at Bankstown Airport
Taught by experts in the flight industry
3 year degree



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 4th 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/>