



# Bachelor of Aviation (Flying) 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](http://handbook.unsw.edu.au))

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

Each stage = 48UOC

|   |  |  |
|---|--|--|
| <b>Core Courses</b><br>All are compulsory<br>Total = 126UOC | <b>Prescribed Electives</b><br>Choose 1 course<br>Total = 6UOC | <b>General Education</b><br>Choose 2 course<br>Total = 12UOC |
|---|--|--|

## Stage 1

|   |  |  |
|---|--|--|
| Simulation in Aviation or Airworthiness Management<br><b>AVIA1301</b> | Introduction to Human Factors<br><b>AVIA1401</b> | Maths for Life Sciences<br><b>MATH1031</b>                 |
| Term 1  | Term 1   | Term 1   |
| Stats for Life & Social Sciences<br><b>MATH1041</b>                   | Aviation Transport Economics<br><b>AVIA1901</b>  | Communications for Science & Technology<br><b>BEE52680</b> |
| Term 2  | Term 2   | Term 2   |
|   | Basic Aeronautical Knowledge<br><b>AVIA1111</b>  |  |
|   | Term 3   |  |

## Stage 2

|  |   |   |
|--|---|---|
| Commercial Navigation<br><b>AVIA2111</b>                 | Commercial Meteorology<br><b>AVIA2112</b>                             | Commercial HF, Flight Rules & Air Law<br><b>AVIA2113</b>  |
| Term 1   | Term 1  | Term 1  |
| Commercial Aircraft General Knowledge<br><b>AVIA2114</b> | Commercial Aerodynamics<br><b>AVIA2115</b>                            | Commercial Ops, Performance & Planning<br><b>AVIA2116</b> |
| Term 2   | Term 2  | Term 2  |
| Instrument Rating<br><b>AVIA2117</b>                     | <b>General Education (Online)</b><br>Choose 1 course<br>Total = 6 UOC |   |
| Term 3   | Term 3  |   |

## Stage 3

|  |   |   |
|--|---|---|
| Human Factors Tools and Methods<br><b>AVIA3011</b>       | WIL Placement<br><b>AVIA3199</b>                                      |   |
| Term 1   | Term 1  |   |
| Aviation Safety & Resource Management<br><b>AVIA3401</b> | Aviation Research Methods<br><b>AVIA3710</b>                          |   |
| Term 1   | Term 1  |   |
| Air Transport Flight Planning<br><b>AVIA3111</b>         | Aerodynamics & Aircraft Systems<br><b>AVIA3112</b>                    | Air Transport Performance & Navigation<br><b>AVIA3113</b> |
| Term 2   | Term 2  | Term 2  |
| Air Law, Meteorology & Human Factors<br><b>AVIA3114</b>  | <b>General Education (Online)</b><br>Choose 1 course<br>Total = 6 UOC |   |
| Term 3   | Term 3  |   |