Program

Aviation Management

5741  |  48 Units of Credit

Overview

The Graduate Diploma in Aviation Management (GradDipAvMgmt) is designed for students who do not hold a University degree but have at least 1 year of relevant industry experience. It is also a pathway for those without a first degree to gain an opportunity to study the Master of Aviation Management. The program is developed with industry input and aims to provide managers and professionals with the skills and knowledge to be effective in a contemporary Aviation environment.

The GradDipAvMgmt is offered entirely through distance education. The online courses are delivered through a secure learning and teaching website. Students do not need to attend any on-campus activities.

The program is 48 units of credit (or 1 year full-time equivalent) and can be taken on a full-time or part-time basis. Students with appropriate education and/or professional experience may be eligible for advanced standing and may then complete the degree in less time. Students with full-time employment are recommended to undertake a part-time study load.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Science</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Postgraduate</td>
</tr>
<tr>
<td><strong>Typical duration</strong></td>
<td>1 Years</td>
</tr>
<tr>
<td><strong>Delivery Mode</strong></td>
<td>Fully online</td>
</tr>
<tr>
<td><strong>Intake Period</strong></td>
<td>Term 1, Term 2, Term 3</td>
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<tr>
<td><strong>Academic Calendar</strong></td>
<td>3+ Calendar</td>
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<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>48</td>
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<tr>
<td><strong>Award type</strong></td>
<td>Graduate Diploma</td>
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<tr>
<td><strong>Award(s)</strong></td>
<td>Graduate Diploma in Aviation Management - GradDipAvMgmt</td>
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Learning Outcomes

1. Graduates will be equipped with a breadth and depth of generic and disciplinary knowledge and skills which can be applied to a range of complex contexts;
2. Graduates will have developed an understanding of enquiry-based learning and demonstrate analytical skills;
3. Graduates will have an awareness of contemporary issues within the aviation industry.
4. Graduates will have developed an advanced critical thinking and problem solving skills in a management context in the aviation industry;

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Program Structure

Students must complete 48 UOC as a standalone program.

Prescribed Electives

Students must take at least 48 UOC of the following courses.

- **AVIA5001**  |  6 UOC
  Law and Regulation in Aviation

- **AVIA5003**  |  6 UOC
  Aviation and Security

- **AVIA5004**  |  6 UOC
  Aviation Safety and Accident Prevention

- **AVIA5005**  |  6 UOC
  Airline Operational Management

- **AVIA5006**  |  6 UOC
  Airport Planning

- **AVIA5007**  |  6 UOC
  Airport Operations Management

- **AVIA5008**  |  6 UOC
  Air Traffic Management

- **AVIA5009**  |  6 UOC
  Airline Corporate Management

- **AVIA5015**  |  6 UOC
  Safety Management Systems
<table>
<thead>
<tr>
<th>Code</th>
<th>UOC</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>AVIA5017</td>
<td>6</td>
<td>Human Factors in Transportation Safety</td>
</tr>
<tr>
<td>AVIA5018</td>
<td>6</td>
<td>Aviation Human Factors</td>
</tr>
<tr>
<td>AVIA5020</td>
<td>6</td>
<td>Aviation Research Project</td>
</tr>
<tr>
<td>AVIA5022</td>
<td>6</td>
<td>Aircraft Accident Investigation Techniques</td>
</tr>
<tr>
<td>AVIA5024</td>
<td>6</td>
<td>Flight Deck Operations for Advanced Transport-Aircraft</td>
</tr>
<tr>
<td>AVIA5030</td>
<td>6</td>
<td>Aviation, Tourism and Sustainable Development</td>
</tr>
<tr>
<td>AVIA5032</td>
<td>6</td>
<td>Quantitative Analysis in Aviation Economics</td>
</tr>
<tr>
<td>AVIA5035</td>
<td>6</td>
<td>Airport Economics, Management and Policy</td>
</tr>
<tr>
<td>AVIA5037</td>
<td>6</td>
<td>Airline Operations and Delay Management</td>
</tr>
<tr>
<td>AVIA5039</td>
<td>6</td>
<td>Airworthiness for Transport Category Aircraft</td>
</tr>
<tr>
<td>AVIA9101</td>
<td>6</td>
<td>Safety Risk Management: Human Performance</td>
</tr>
<tr>
<td>AVIA9201</td>
<td>6</td>
<td>Safety Risk Management: Physical Hazards</td>
</tr>
</tbody>
</table>
Enrolment Disclaimer

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Admission Requirements

Entry Requirements

The minimum entry requirement to the Graduate Diploma in Aviation Management is at least 1 year of relevant industry experience*.

There are three entry groups to the GradDip AvMgmt. The entry groups are determined by the applicant's years of industry experience. Each entry group offers different amounts of advanced standing and therefore the total UoC to complete at UNSW is different for each group.

A minimum of 1 year of relevant industry experience is required to enter the program. If you have at least 2 years of relevant industry experience or advanced flying experience to ATPL then you may be credited with up to 12 UoC advanced standing. 5 or more years of industry experience may give you up to 24 UoC advanced standing. Remaining units must be completed at UNSW.

Examples of industry experience:

- Advanced flying training (e.g. any holder of Command Instrument Rating, Commercial Pilot Licence or Air Transport Pilot Licence)
- Air traffic controller
- Aviation legal practioner
- Airline captain, first officer, second officer or line pilot
- Business strategy analyst
- Defence force personnel
- Flying instructor
- Flight attendant
- Flight scheduler
- Human factors analyst
- Licence aircraft maintenance engineer, aircraft technician
- Managerial role
- Marketing and sales personnel
- Network planner
- Police and fire fighters
- Research analyst
- Revenue analyst
- Flight dispatcher and load controller
- Flight safety operations and risk management personnel

Applicants are to submit the following documents for assessment of entry:
• CV
• Evidence of work in Aviation industry and years of experience

Applicants with other relevant qualifications and experience not listed may apply for admission to this program as follows. This is in accordance with UNSW Policy and Procedure on Recognition Of Prior Learning. Applicants will need to demonstrate that they have achieved the same knowledge and skills (learning outcomes) through their formal or informal learning as the qualifications listed for entry for this program. Any relevant documentation should be attached to the application and will be considered by the Academic Coordinator for the Program.

For more information about admission requirements for various UNSW programs, visit the following website(s):

Domestic Students
International Student
Program Requirements

Recognition of Prior Learning

Students who receive advanced standing or credit transfer must still complete a minimum of 24 UoC at UNSW from the list of approved electives.

Progression Requirements

Students who successfully complete 48 UOC of the Graduate Diploma in Aviation Management (5741) with a Credit average (=65%) may articulate into the Master of Aviation Management (8741). Students must then complete an additional 48 UOC for the Master of Aviation Management and meet all other program requirements.

Students who have completed 24 UOC of the program (excluding credit received from advanced standing or credit transfer) may be eligible to transfer to program 7449 Graduate Certificate in Aviation Management, and graduate with that qualification.

For more information on university policy on progression requirements please visit Academic Progression.
Pathways

Articulation Arrangements

Other program(s) within articulated suite:

Master of Aviation Management - MAvMgmt 8741 Aviation Management

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 96
Typical Duration: 2 Years

Read More
**Program Fees**

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

- Domestic Students
- Commonwealth Supported Students
- International Students
- Additional Expenses

**Additional Expenses**

This program is delivered by distance education using Moodle. It is essential that all students have regular access to email as well as the Internet to enable access to course notes, latest news, students online accounts and administration matters. It is desirable that applicants also have access to a computer with standard programs such as MS Excel, MS Word and Acrobat Reader. To run Moodle effectively, students should, as a minimum, use the system components at http://teaching.unsw.edu.au/students. If not, Moodle may still work, but some functionality may be lost. Students can contact UNSW IT Service Centre for further technical supports.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179