



Ollscoil Chathair
Bhaile Átha Cliath
Dublin City University



BSc in Aviation Management / BSc in Aviation Management with Pilot Studies - INTRA Programme

This four-year degree has been designed in response to a request from the aviation industry for its long term benefit. In particular, the degree has been designed for those who plan to enter the world of aviation whether as a commercial pilot or as a manager. A sound foundation in business management principles as they affect the aviation industry is of significant importance to ongoing success in this challenging industry.

Objective

The Objectives of the BSc in Aviation Management/ BSc in Aviation Management with Pilot Studies are:

- To develop knowledge of business-related modules, foundational mathematics, science, technology and the application of IT in communications in an aviation/airline setting
- To develop a detailed knowledge and understanding of the concepts, theories and operational characteristics pertaining to a business environment in an aviation/airline setting
- To develop appropriate professional skills such as management, negotiation, problem-solving, independent and critical thinking, being accountable, excellent communication and presentation skills, required for an aviation/airline setting
- To develop an ability to exercise appropriate judgment and facilitate informed decisions on complex management, technical and functional areas
- To provide an understanding of the importance of systems thinking in an aviation context

- For pilot studies; the necessary skills, aptitude and competency to pilot a commercial aircraft
- To create awareness of relevant organisations, industries and regulatory bodies within the sector
- To provide an understanding of ethical standards and the importance of his/her role in society

Programme Outline

The aviation management course has been structured to provide an introduction to all aspects of the aviation business, both technical and managerial. The first two years of the course provide a general introduction to business analysis, the aviation sector and technical aspects of PPL piloting.

Relevant Work Experience

Relevant Work Experience through DCU's work experience programme INTRA (INtegrated TRaining) is a central feature of education at DCU and an integral part of many undergraduate and some postgraduate degree programmes. Students from the BSc. in Aviation Management/ BSc in Aviation Management with Pilot Studies programme are required to complete a minimum of 4 months INTRA placement at the start of their third academic year and are available to start from June onwards. The second half of third year comprises specialist business modules including International Service Management, business ethics, aviation business management and aviation safety management.



In the fourth year, the programme divides into two streams: some students will opt to pursue training at an approved Flight Training Organisation with a view to qualifying as a commercial pilot (Airline Transport Pilot Licence – ATPL); others will choose to follow more specialist studies in aviation management here in DCU.

Work Areas

- Business/Flight Operations
- Airport Planning and Airport Design
- Aviation Management
- Crew Planning/Allocation
- Marketing and PR
- Fleet Planning
- Data Analysis
- Regulatory Affairs and Standards
- Revenue Management
- Commercial Airline Pilot
(for those who specialise in this area)

Students are available for interview from early March for a placement commencing between June and September. For more information, contact: INTRA Unit, Student Support & Development, DCU, Glasnevin, Dublin 9. Ireland.

T: +353 1 700 8877

E: carol.power@dcu.ie

W: dcu.ie/intra

 [in/dcu-intra-office](https://www.linkedin.com/company/intra-dcu)



Year 1	Year 2	Year 3	Year 4
Business Mathematics 1	Business Statistics	Organisation Theory and Practice	Pilot Studies Specialism (BSc in Aviation Management with Pilot studies)
IT Skills and Software Tools for Managers	Operations Management	Organisational Psychology	Flight Training Organisation (FTO) Ground School – Theory
Foundations for Aviation Studies	Business Law	International Service Management	Flight Training Organisation (FTO) Frozen ATPL
The Aviation Sector and Flying Theory 1	Introduction to Human Resource Management	Business and Professional Ethics	Reflective Learning
Management Accounting for Decision Making	Financial Management	Aviation Business Management	Aviation Studies Specialism (BSc in Aviation Management)
Financial Accounting for Decision Making	The Airline Industry; Structure, Standards and Strategies 1	Aviation Safety Management	Strategic Management
Introduction to Law	Applied Market Research	INTRA	Aviation Industry Project
The Aviation Sector and Flying Theory 2	Communications		Contingency Management for Aviation
Introduction to Economics	Business Information Systems		E-commerce
Introduction to Anthropology	Airport Operations Management		Information Systems Management
Introduction to Marketing	The Airline Industry; Structure, Standards and Strategies 2		Aspects of Employment Law
Psychology in Organisations	Emissions Markets and Aviation		Supply Chain Management
			Services Marketing
		*Or Semester Abroad (EBS Germany)	