

INTRA Programme

B.Sc. in Aviation Management/B.Sc. in Aviation Management with Pilot Studies



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.

The Objectives of the B.Sc. in Aviation Management/B.Sc. in Aviation Management with Pilot Studies are:

- (i) To develop knowledge of business-related modules, foundational mathematics, science, technology and the application of IT in communications in an aviation/airline setting
- (ii) To develop a detailed knowledge and understanding of the concepts, theories and operational characteristics pertaining to a business environment in an aviation/airline setting
- (iii) 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
- (iv) To develop an ability to exercise appropriate judgment and facilitate informed decisions on complex management, technical and functional areas
- (v) To provide an understanding of the importance of systems thinking in an aviation context
- (vi) For pilot studies; the necessary skills, aptitude and competency to pilot a commercial aircraft
- (vii) To create awareness of relevant organisations, industries and regulatory bodies within the sector
- (viii) 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 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 B.Sc. in Aviation Management/B.Sc. in Aviation Management with Pilot Studies programme are required to complete a minimum of 6 months INTRA placement at the start of their third academic year, between August and January inclusive.

The second half of third year comprises specialist business modules including supply chain 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 & PR
- Fleet Planning
- Data Analysis
- Regulatory Affairs & Standards
- Revenue Management
- Commercial Airline Pilot (for those who specialise in this area)

Student Availability

Students are available for interview from early March for a placement commencing in August. Please post vacancies on the INTRA online web site at www.intra.dcu.ie, or send details to:

INTRA Unit, Student Support & Development,
Dublin City University,
Glasnevin, Dublin 9, Ireland.
Phone: 00 353 1 700 5514
Fax: 00 353 1 700 5505
Web: www.intra.dcu.ie



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Year 1		Year 2		Year 3	Year 4			
Business Mathematics	Accounting for Business	Business Statistics	Applied Market Research	I N T R A	Organisation Theory and Practice	Pilot Studies Specialism (B.Sc. in Aviation Management with Pilot studies)	Aviations Studies Specialism (B.Sc. in Aviation Management)	
IT Skills and Software Tools for Managers	Introduction to Economics	Operations Management	Business Communications		Organisational Psychology			Business Strategy
Basic Sciences for Engineering	Introduction to Marketing	Introduction to Law	Business Information Systems		Supply Chain Management			Aviation Industry Project
The Aviation Sector and Flying Theory	Psychology in Organisations	Introduction to Human Resource Management	Airport Operations Management		Business Ethics			Contingency Management
		Financial Management	Commercial Law in Ireland		Aviation Business Management	Flight Training Organisation (FTO) Ground School – Theory	E-commerce	
					Aviation Safety Management	Flight Training Organisation (FTO) Frozen ATPL	Information Systems Management	
		The Airline Industry; Structure, Standards and Strategies				Reflective Learning	Aspects of Employment Law	
							Business to Business Marketing	
							Services Marketing	