

PROGRAMME SPECIFICATION

1. Key Information

Programme Title:	BSc (Hons) Aviation Management BSc (Hons) Aviation Management with Foundation Year
Awarding Institution:	Buckinghamshire New University
Teaching Institution(s):	Buckinghamshire New University
Subject Cluster:	Aviation
Award Title (including separate Pathway Award Titles where offered):	BSc (Hons) Aviation Management BSc (Hons) Aviation Management with Logistics
Pathways (if applicable)	Aviation Management Aviation Management with Logistics
FHEQ level of final award:	6
Other award titles available (exit qualifications):	Certificate of Higher Education Diploma of Higher Education BSc Aviation Management (or relevant pathway)
Accreditation details:	
Length of programme:	3 years Full Time 4 years with Foundation Year
Mode(s) of Study:	Full time
Mode of Delivery:	In person (on-site) delivery
Language of study:	English
QAA Subject Benchmark(s):	Business and Management (2019)
Other external reference points (e.g., Apprenticeship Standard):	
Course Code(s):	BSAVIAFT / BSAVIAFY BSAVLOFT / BSAVLOFY
UCAS Code(s):	
Approval date:	December 2022
Date of last update:	May 2024

2. Programme Summary

A perfect fit for someone that has an interest in aviation, our BSc (Hons) Aviation Management degree will give you the knowledge and practical experience to pursue a successful career in this field. With over 20 years' experience in delivering aviation degrees, we have a strong track-record of helping learners meet the contemporary needs of this global industry.

Throughout the course, you'll complete a mix of aviation and business modules. During the first year, you'll be introduced to the structure, operation and security aspects of the aviation industry, as well as, establishing a foundation in marketing and finance delivered in an industry context. The second year focuses on developing your managerial and analytical skills, where

you'll explore operations further and look into decision making processes. In your final year, you'll carry out an individual project and follow aviation modules that cover globalisation, sustainability, commercial analysis and planning. You'll graduate with strong leadership and managerial skills and a broad understanding of the airline and airport field.

3. Programme Aims and Learning Outcomes

Programme Aims

This programme aims to:

1. Provide learners with a comprehensive grounding in the knowledge and skills necessary for a career in aviation and in the broader travel, logistics and transportation industry
2. Prepare learners for employment or for postgraduate studies by fostering an environment in which they are encouraged to develop key academic and professional skills: the ability to challenge knowledge; relate theory to practice; undertake critical analysis
3. Provide an inclusive, current and versatile curriculum of study which reflects the needs of the aviation industry in an area of constant development and ongoing challenges
4. Develop the confidence and academic skills of learners, enabling them to develop as active and autonomous learners and critical thinkers and to apply this in their professional roles
5. Enable graduates to meet the changing demands of management roles through acquisition and development of a wide range of personal and transferable skills required by employers in the aviation and transportation industry: self-reliance; reflection; creativity; communication skills; teamwork and management skills

Programme Learning Outcomes

Knowledge and Understanding (K)

On successful completion of the programme you will be able to:

ID	Learning Outcome
K1	Demonstrate understanding of the structure, systems of regulation, business models and practices adopted by aviation and logistics operators worldwide.
K2	Articulate knowledge of marketing, operations, finance and general management concepts in the context of the aviation industry.
K3	Summarise ground service processes, interactions at airports and flight operations process as applied by operators in the aviation industry.

Analysis and Criticality (C)

On successful completion of the programme, you will be able to:

ID	Learning Outcome
C1	Appraise challenges and strategic options open to aviation, travel and logistics organisations for stability, development, growth and consolidation.
C2	Differentiate critically assessing the environmental, ethical and social issues arising from activities in the aviation industry.
C3	Examine the economic requirements and the financial and performance indicators of an aviation operator.
C4	Analyse data from multiple sources and using a variety of means to derive new knowledge and insights relevant to aviation operators.

Application and Practice (P)

On successful completion of the programme, you will be able to:

ID	Learning Outcome
P1	Develop vocationally relevant skills and knowledge through exposure to the more advanced professional practice in the industry.
P2	Apply analytical skills to solve business issues and support decision making for aviation operators.
P3	Execute leadership and management theory in the context of the aviation industry.

Transferable skills and other attributes (T)

On successful completion of the programme, you will be able to:

ID	Learning Outcome
T1	Identify how a complex organisation works in a dynamic and challenging environment.
T2	Apply proven techniques to conduct analysis and address business issues.
T3	Demonstrate effective communication skills, and the ability to effectively structure and present findings and solutions.

Graduate Attributes

The BNU Graduate Attributes of: Knowledge and its application; Creativity; Social and ethical awareness and responsibility; and Leadership and self-development focus on the development of innovative leaders in professional and creative capacities, who are equipped to operate in the 21st Century labour market and make a positive impact as global citizens.

Learners should choose this award if they are seeking to develop a career within the aviation industry or in related industries such as tourism, transportation, logistics, IT or management consulting. The programme provides learners with an in-depth understanding of the commercial and operational challenges facing the dynamically changing aviation industry (K1,K2). This is achieved through a series of modules that look at the various aspects of the aviation business, including marketing, operations, finance, human resources, strategy, through the use of case studies rooted in aviation (K2, K3, P1-3, T3). Social and Ethical awareness is fostered by focusing on the aviation industry's efforts towards sustainability (C2). Learners are encouraged to invest in their self-development and in developing their leadership skills through teamwork and meeting with industry leaders (P1, P3). Learners' employability is enhanced by giving them the opportunity to develop competences and skills highly sought after by employers, such as analytical skills, communication skills, teamwork, time management and digital skills (C1, C4, P1, T3) In their final year, learners have the opportunity to specialise by developing an extended individual research or project. Graduates on this program can find employment in any organisational role, depending on their interests, or can seek to join the competitive graduate programs run by large companies. Learners may also decide to further their studies by undertaking a Master degree.

4. Entry Requirements

The University's [general entry requirements](#) will apply to admission to this programme with the following additions / exceptions:

- A typical offer will require a UCAS tariff score of: 88 - 112.

- You also need at least two A-levels (or equivalent) and a GCSE Maths and English at grade C/4

If you do not meet the entry requirements you may, if you have relevant professional experience, still be invited for interview, where you will be required to demonstrate the necessary knowledge and understanding for entry onto the course.

Previous study, professional and / or vocational experiences may be recognised as the equivalent learning experience and permit exemption from studying certain modules in accordance with our [accreditation of prior learning](#) (APL) process.

5. Programme Structure

Level	Modules (Code, Title and Credits)	Exit Awards
Foundation Year¹	<p>Core modules: ENG0001 Dynamics of Aviation and Security (0) ENG0002 Inquiry Based Learning (0) ENG0003 Navigating the Digital World (0) ENG0004 Enquiry Based Learning (0) ENG0005 Personal Portfolio (0) ENG0006 Career Success: Enhancing Employment (0)</p>	N/A. No credit is awarded at this Level.
Level 4	<p>Core modules: ENG4006 Introduction to the Aviation Industry (20) ENG4002 Academic and Professional Skills (20) ENG4008 Aviation Finance (20) ENG4023 Airport Operations (20) ENG4009 Aviation Marketing (20)</p> <p>Opportunity modules: You must choose 2 x 10 credit Level 4 Opportunity modules from the Opportunity module catalogue www.bnu.ac.uk/opmodules</p>	Certificate of Higher Education, awarded on achievement of 120 credits at Level 4
Level 5 – Aviation Management	<p>Core modules: ENG5007 Project Management (20) ENG5004 Research Methods (20) ENG5029 Security in Aviation (20) ENG5008 Aviation Safety and Crisis Management (20)</p> <p>Option modules: <i>Choose modules to the total of 20 credits:</i> ENG5005 Human Factors in Aviation (20) ENG5016 Digital Technology and Innovation in Aviation (20)</p> <p>Opportunity modules: In addition, you must choose 2 x 10 credit Level 5 Opportunity modules from the Opportunity module catalogue www.bnu.ac.uk/opmodules</p>	Diploma of Higher Education, awarded on achievement of 240 credits, including a minimum of 120 credits at Level 5

<p>Level 5 – Logistics pathway</p>	<p>Core modules: ENG5009 Aviation Logistics and Cargo (20) ENG5004 Research Methods (20) ENG5017 Quantitative Methods for Logistics (20) ENG5008 Aviation Safety and Crisis Management (20)</p> <p>Option modules: <i>Choose modules to the total of 20 credits:</i> ENG5029 Security in Aviation (20) ENG5016 Digital Technology and Innovation in Aviation (20)</p> <p>Opportunity modules: In addition, you must choose 2 x 10 credit Level 5 Opportunity modules from the Opportunity module catalogue www.bnu.ac.uk/opmodules</p>	<p>Diploma of Higher Education, awarded on achievement of 240 credits, including a minimum of 120 credits at Level 5</p>
<p>Level 6 – Aviation Management</p>	<p>Core modules: ENG6002 Extended Independent Work (40) ENG6017 Aviation Analytics (20) ENG6001 Sustainability and Ethics in Aviation (20)</p> <p>Option modules: <i>Choose modules to the total of 40 credits:</i> ENG6029 Airline Operations (20) ENG6008 Management, Strategy and Leadership (20) ENG6006 Commercial Planning (20) ENG6021 Procurement and Global Sourcing in Aviation (20)</p>	<p>Ordinary Degree, awarded on achievement of 300 credits, including 60 credits at Level 6 and 120 credits at each of Levels 4 and 5</p> <p>Honours Degree, awarded on achievement of 360 credits, including 120 credits at each of Levels, 4, 5 and 6</p>
<p>Level 6 – Logistics pathway</p>	<p>Core modules: ENG6002 Extended Independent Work (40) ENG6013 Supply Chain Management (20) ENG6021 Procurement and Global Sourcing in Aviation (20)</p> <p>Option modules: <i>Choose modules to the total of 40 credits:</i> ENG6022 Sustainability and Ethics in Aviation (20) ENG6008 Management, Strategy and Leadership (20) ENG6006 Commercial Planning (20)</p>	<p>Ordinary Degree, awarded on achievement of 300 credits, including 60 credits at Level 6 and 120 credits at each of Levels 4 and 5</p> <p>Honours Degree, awarded on achievement of 360 credits, including 120 credits at each of Levels, 4, 5 and 6</p>

	ENG6017 Aviation Analytics (20)	
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¹ Modules on the Foundation Year only apply to learners who are enrolled on the “with Foundation Year” programme.

Please note: Not all option modules will necessarily be offered in any one year. Other option modules may also be introduced at a later stage enabling the programme to respond to changes in the subject area.

6. Learning, Teaching and Assessment

Learning and teaching

Teaching methods and situations are appropriate and supportive, inclusive in design and engage students. They take account of the diverse learning and teaching cultures that students may have experienced and provide opportunities for students to understand and appreciate the global context in which they will be operating. They may include face-to-face or blended learning and make good use of supporting technology to aid student learning. Independent of mode of delivery, teaching on this programme includes some combination of:

- lectures
- seminars
- workshops
- work-based learning
- employer or organisation-based case studies
- live or 'real world' projects
- guided learning
- simulations
- practicals
- discussion groups
- virtual forums

Our approach supports the learners in undertaking their ongoing academic modules alongside support for the flying elements (theory and practical). Personal Tutoring focuses on the balance between these elements, and includes learners being signposted to BNU central services such as Student Learning and Achievement and Counselling.

The extended independent work carried out during Year 3 is supported by the theoretical module work as well as individual supervisors for each student.

Learners are regularly invited to evaluate their learning and ongoing representation of the student voice is valued at all levels. BNU has a highly active Student Union who engage constructively with the programme team.

The team are mindful that some of the material and scenarios used as part of the indicative content whilst being authentic and inclusive can also include sensitive, challenging information that can be difficult or emotive for some learners. They are mindful of NBNU services that learners can be signposted should they show signs of distress or require additional support. Staff and learners work with a BNU 'learning agreement' promoting mutual dignity, courtesy and respect.

Assessment

Assessments are authentic, inclusive in design and develop skills. They include coursework, presentations, learning journals, simulation, examinations, dissertations and projects. Assessment is designed to provide opportunities to learn through formative assessment and feedback, and to support learning from level to level.

Contact Hours

Students can expect to undertake approximately 12 hours of scheduled learning activities per week. Outside of scheduled learning, students are expected to undertake about 16-18 hours of independent learning per week. Learning activities will include a variety of teaching and learning methods such as: lectures; seminars; supervision; demonstrations, workshops; external visits; work-based learning; independent study; completion of assessment tasks.

7. Programme Regulations

This programme will be subject to the following assessment regulations:

- Regulations for Taught Degree Programmes (2023)

8. Support for learners

The following systems are in place to support you to be successful with your studies:

- The appointment of a personal tutor to support you through your programme
- A programme handbook and induction at the beginning of your studies
- Library resources, include access to books, journals and databases - many of which are available in electronic format – and support from trained library staff
- Access to Blackboard, our Virtual Learning Environment (VLE), which is accessible via PC, laptop, tablet or mobile device
- Access to the MyBNU portal where you can access all University systems, information and news, record your attendance at sessions, and access your personalised timetable
- Academic Registry staff providing general guidance on University regulations, exams, and other aspects of students and course administration
- Central student services, including teams supporting academic skills development, career success, student finance, accommodation, chaplaincy, disability and counselling
- Support from the Bucks Students' Union, including the Students' Union Advice Centre which offers free and confidential advice on University processes

9. Programme monitoring and review

BNU has a number of ways for monitoring and reviewing the quality of learning and teaching on your programme. You will be able to comment on the content of their programme via the following feedback mechanisms:

- Formal feedback questionnaires and anonymous module 'check-ins'
- Participation in external surveys
- Programme Committees, via appointed student representatives
- Informal feedback to your programme leader

Quality and standards on each programme are assured via the following mechanisms:

- An initial event to approve the programme for delivery
- An annual report submitted by the External Examiner following a process of external moderation of work submitted for assessment
- The Annual Monitoring process, which is overseen by the University's Education Committee
- Review by the relevant PSRB(s)
- Periodic Subject Review events held every five years
- Other sector compliance and review mechanisms

10. Internal and external reference points

Design and development of this programme has been informed by the following internal and external reference points:

- The Framework for Higher Education Qualifications (FHEQ)
- The QAA Subject Benchmark Statement – see detailed mapping below
- The BNU Qualifications and Credit Framework

Buckinghamshire New University

- The BNU Grading Descriptors
- The University Strategy

Mapping of Subject Benchmark Statement and any relevant Apprenticeship Standard to Programme Learning Outcomes

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
Knowledge and understanding of the key areas of business and management, the relationships between these and their application	X	X				X	X	X					X			X				
Demonstrated competence within the range of subject-specific and generic skills and attributes		X	X			X	X	X			X					X				
A view of business and management which is predominantly influenced by guided learning with a limited critical perspective.	X	X	X					X			X					X				
Have a wide knowledge and understanding of the broad range of areas of business and management and the	X	X	X			X	X	X			X		X			X		X		

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
detailed relationships between these and their application to practice																				
Consistently demonstrate a command of subject-specific skills as well as proficiency in generic skills and attributes	X	X	X			X		X	X		X	X	X				X	X		
Have a view of business and management which is influenced by a wide range of learning sources, based on a proactive and independent approach to learning	X	X	X			X	X	X	X		X	X	X			X	X	X		B
Be distinguished from the threshold category by their enhanced capacity to develop and apply their own perspectives to their studies, to deal with uncertainty and complexity, to explore alternative solutions, to						X	X	X	X			X	X			X	X	X		

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
Benchmark / Standard requirement	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
demonstrate critical evaluation and to integrate theory and practice in a wide range of situations.																				

Mapping of Programme Learning Outcomes to Modules

Programme Learning Outcome	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)					
	Module Code (Core)	K1	K2	K3			C1	C2	C3	C4		P1	P2	P3			T1	T2	T3		
Level 4																					
Introduction to the Aviation Industry	X	X				X															
Academic and Professional Skills											X							X	X		
Aviation Finance	X	X				X		X													
Airport Operations	X	X	X			X					X	X	X				X		X		
Aviation Marketing	X	X				X		X			X	X							X		
Level 5																					
Project Management			X			X			X		X	X					X		X		
Research Methods									X			X						X			
Security in Aviation											X		X				X				
Aviation Safety and Crisis Management											X		X				X				
Level 5 with Logistics																					
Aviation Logistics and Cargo	X					X											X				
Research Methods									X			X						X			
Quantitative Methods for Logistics												X						X			

Aviation Safety and Crisis Management											X		X			X				
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Programme Learning Outcome	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3			C1	C2	C3	C4		P1	P2	P3			T1	T2	T3		
Aviation Safety and Crisis Management											X	X	X			X				
Level 6																				
Extended Independent Work									X		X	X	X				X	X		
Aviation Analytics								X	X			X				X	X	X		
Sustainability and Ethics in Aviation						X	X				X									
Level 6 with Logistics																				
Extended Independent Work									X		X	X	X				X	X		
Supply Chain Management	X										X	X	X			X	X			
Procurement and Global Sourcing in Aviation	X										X	X	X			X				