PROGRAMME SPECIFICATION

1. Key Information

Programme Title:	MSc Aviation Operations and Management
Awarding Institution:	Buckinghamshire New University
Teaching Institution(s):	Buckinghamshire New University
Subject Cluster:	Aviation
Award Title (including separate Pathway Award Titles where offered):	MSc Aviation Operations Management
Pathways (if applicable)	N/A
FHEQ level of final award:	7
Other award titles available (exit qualifications):	Postgraduate Certificate Postgraduate Diploma
Accreditation details:	N/A
Length of programme:	15 months
Mode(s) of Study:	Full time
Mode of Delivery:	In person (on-site) delivery
Language of study:	English
QAA Subject Benchmark(s):	Aviation and Operations
Other external reference points (e.g., Apprenticeship Standard):	
Course Code(s):	MSAVOPFT
UCAS Code(s):	N/A
Approval date:	September 2023
Date of last update:	

2. Programme Summary

Glossary

ICAO – International Civil Aviation Organisation

IATA – International Air Transport Association

ASA – Air Service Agreement

EPS – Emergency Planning Society

The aviation industry has been integral to the evolution of travel, industry and national economics for over a century. It is now a highly complex industry that is subject to constant

change and challenge that meets the social demands of its customers and suppliers. In recent years those changes brought about by the pandemic and geopolitical turmoil have highlighted the industry's ability to be innovative and flexible. However, this requires those in positions of management and leadership to possess the higher-level capabilities to ensure decisions are made in a timely and coherent manner and that make both commercial sense but also balance the needs for a more environmental industry. In a globally connected context, aviation continues to develop and grow in response to those economic, environmental and market needs. In addition to the technological advances, challenge and disruption alongside that growth, the sector has a need for capable, knowledgeable and analytical thinking employees who are equipped and able to take businesses and their people forward. This programme is for those who wish to make that difference. This programme will enable you to gain an enhanced level of knowledge, creativity, forward thinking social capabilities and place you in an advantageous position in the industry. The programme is delivered by both academics and industry professionals, creating a professional environment and forum for the exchange of ideas at postgraduate level. You will complete this Masters level course by undertaking a research module, where you will develop and complete an agreed aviation linked project that best presents your abilities and interests.

3. Programme Aims and Learning Outcomes

Programme Aims

This programme aims to:

1. Enable learners to develop the reflective and critical thinking skills needed to build and sustain logical arguments and make creative contributions to organisational management in the aviation sector
2. Equip learners with a systematic understanding of relevant theory, regulation and standards at the forefront of the sector relating to aviation operations and management and their effects on business planning, design, operations and safety management
3. Prepare learners for a senior leadership career in the aviation sector through the development of enhanced personal and interpersonal leadership skills and capability
4. Build a critical awareness of the key contemporary issues that affect the aviation industry as a basis for strategic decision making
5. Enable learners to demonstrate a comprehensive and systematic understanding of the structure of the aviation industry with specific focus on the role of governance and regulatory stakeholders

Programme Learning Outcomes

Knowledge and Understanding (K)

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

ID	Learning Outcome
K1	Distinguish contextual problems of Aviation Operations and Management within the structure of the aviation industry.

K2	Demonstrate a systematic understanding of key regulations and frameworks in the sector and their applicability and effectiveness for operations and management at a local, national and international level.
K3	Articulate appropriate solutions to complex problems through reflection upon current issues, critical thinking and management techniques.
K4	Characterise appropriate and organisationally viable approaches to the development of interrelationships and interoperability for effective long-term management capability.
K5	Infer contemporary technological innovations in the Aviation industry and their relationship to operations management.

Analysis and Criticality (C)

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

ID	Learning Outcome
C1	Develop creative and innovative approaches to complex contemporary management issues in a global Aviation organisation.
C2	Analyse innovative technological methods for the implementation of integrated and effective operations and management within the context of an aviation organisation.
C3	Extrapolate strategic management decisions linked to organisational mission and objectives on the basis of an interpretation of global standards and recommended practices.
C4	Review organisational communication plans and processes to support effective operations and management.

Application and Practice (P)

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

ID	Learning Outcome
P1	Investigate current and future arrangements within the aviation sector that enable ethical sustainability.
P2	Develop original, insightful and effective problem-solving capabilities in order to ensure and support management processes and capabilities.
P3	Execute effective communicate with stakeholders in a global industry in a manner fit for purpose and audience.

Transferable skills and other attributes (T)

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

ID	Learning Outcome
T1	Assess how to confidently lead and manage a team and to reflect on feedback.
T2	Plan, design and prepare appropriate and adaptable personnel management systems for the implementation and long-term direction of operational capability and wider management.

T3	Perform independently and in a self-directed fashion across a range of organisational resilience and general projects.
T4	Deliver the processes and functions required for effective management implementation of initiatives in both personal and organisational contexts.

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.

This programme offers a mix of disciplines. The practical application of acquired situational awareness scenarios that lead to aviation management strategic decision making (K2, K3, K5, C2, C3, C4, P1, P3, T1, T2). Learning new technological skills that can influence and positively impact project work and show the attributes of leadership and creativity are fostered and an innovative approach to problem-solving is acquired (K1, K4, C1, C2, C3, P2, P3, T1, T2, T3, T4) The application of the learning of professional practices and standards prepares highly employable, socially-aware professionals ready to take on the challenges of the 21st Century, positively, through environmental and sustainable advances and technological innovation within the aviation industry (K2, K3, K5, C2, C3, P1).

4. Entry Requirements

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

- UG (2:1 or above) or equivalent work experience, English level IELTS 6.5.

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

Pathway 1 or stand-alone course **[add further tables for each additional pathway]**

Level	Modules (Code, Title and Credits)	Exit Awards
Level 7	**Core modules:** ENG7005 Global Aviation Business (20) ENG7002 Global Aviation Leadership and Management (20) ENG7004 Global Aviation Industry (20) ENG7007 Aviation Organisational Resilience (20) ENG7008 The Future of Global Aviation (20) ENG7006 Aviation Crisis and Emergency Management (20) ENG7003 Research Methods and Final Independent Research Project (60) **Option modules:** No option modules are available at this level.	PG Cert after 60 credits having completed the following modules: ENG7002/7004/7005 PG Dip after 120 credits having completed as for PG Cert plus the following modules: ENG7002/7004/7005 ENG7007/7008/7009 MSc Aviation Operations and Management - 180 credits having completed all of the modules as for PG Cert & PG Dip plus ENG7003

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

This programme is a face-to-face learning experience taking into account a two week on campus schedule but then with a mix of independent learning to allow learners to plan their work and learning throughout the 15 months. Classes are a full day and involved a mix of lectures and seminars. Seminars can take the form of individual research for sharing, pairs or group work. This encourages both networking at L7 but also embeds the discipline of research, leading and managing in groups, self-reflection and building of skills. Lectures are given by academics and guest lecturers who have practical and ‘in-the-field' experience’ who can share this with learners.

Assessment

This programme has authentic assessments at its core. All assessments are varied and range from reports, assignments, ePortfolios and builds to allow learners some flexibility towards the end in how they present the assessment as well as deciding on what topics to include. This is supported by the Module Leader who works with learners to ensure they work within the parameters of the required assessment.

The first module offers a formative assessment to allow learners to practice and embed skills required for the programme. Feedback is offered at the presentation of the assessment at the end of the workshops.

Marking is undertaken using the Grade forms. It is detailed, specific and links to exact details in the assessment so learners can easily see where they lost and gained marks. There is an overview written feedback analysis along with an audio feedback recording offering three development points for learners to consider how to improve next time. Meetings are offered for learners who wish to discuss their feedback or who have questions regarding how to develop.

Contact Hours

The modules have 200 contact hours for a ten-week module. The exception is 600 hours for the research methods and final project. This takes into account the workshops and continued supervision post proposal and ethics.

For each of the ten weeks per module learners can expect approximately 10 hours of lectures and seminars/tutorials with the rest of the time as independent learning or working on action learning groups, exercises and pre reading.

Exact hours can be found on each module descriptor as they may vary.

7. Programme Regulations

This programme will be subject to the following assessment regulations:

- Academic Assessment Regulations

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 learners 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 QAA Master's Degree Characteristics Statement
- The BNU Qualifications and Credit Framework
- 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)**			
Benchmark / Standard requirement	**K1**	**K2**	**K3**	**K4**	**K5**	**C1**	**C2**	**C3**	**C4**	**P1**	**P2**	**P3**	**T1**	**T2**	**T3**	**T4**
Application of relevant knowledge to a range of complex situations taking account of its relationship and interaction with other areas of the business or organisation	x			x	x	x					x					x
A critical awareness of current issues in business and management which is informed by leading edge research and practice in the field	x		x			x		x			x			x		
Conceptual understanding that enables students to: a. Evaluate the rigour and validity of published research and assess its		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**	**P1**	**P2**	**P3**	**T1**	**T2**	**T3**	**T4**
relevance to new situations b. Use existing research and scholarship to identify new or revised approaches to practice																
Ability to communicate effectively in a variety of team roles and take leadership roles, where appropriate			x	x	x				x			x	x			
Ability to take an international perspective including understanding the impact of globalisation on businesses, societies and the environment and the ethical implications	x					x	x			x						x

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**	**K4**	**K5**	**C1**	**C2**	**C3**	**C4**	**P1**	**P2**	**P3**	**T1**	**T2**	**T3**	**T4**
Global Aviation Business	x	x	x	x				x			x					x
Research Methods and Final Independent Project	x		x			x					x				x	
Global Aviation Leadership and Management	x			x		x		x				x	x	x		
Global Aviation Industry	x				x	x	x			x						x
Aviation Organisational Resilience		x		x					x		x	x	x			
The Future of Global Aviation	x				x			x			x					x
Aviation Crisis and Emergency Management		x			x				x			x	x	x		