

## Programme Specification

A Programme Specification provides a concise summary of the main features of a programme and its intended learning outcomes. It is intended to be used by prospective students, current students, academic staff and potential employers.

<b>Programme Title: BSc (Hons) Aviation and Logistics Management</b>	
<b>BSc (Hons) Aviation and Logistics Management</b>	
<b>BSc (Hons) Aviation and Logistics Management with Foundation Year</b>	
<b>Programme (AOS) Code(s):</b>	<b>BR1ALM1 BR1ALM4</b>
<b>UCAS Code:</b>	<b>ALM1 ALM4</b>
<b>Name of Final Award:</b>	<b>Bachelor of Science with Honours, BSc (Hons)</b>
<b>Level of Qualification:</b>	<b>Level 6</b>
<b>Regime of Delivery:</b>	<b>Attendance</b>
<b>Mode(s) of Delivery:</b>	<b>Full Time</b>
<b>Typical Length of Study (Years):</b>	<b>BSc (Hons) Aviation and Logistics Management: 3 years BSc (Hons) Aviation and Logistics Management with Foundation: 4 years</b>
<b>Professional Body Recognition / Accreditation (including specific requirements where applicable):</b>	<b>Chartered Institute of Logistics and Transport (CILT)</b>

### Brief Description of the Programme

Around one third of the value of globally traded goods is carried by air. The growing commercial business also covering the carriage of passengers is supported by a complex web of suppliers and intermediaries all focussed on service delivery and order fulfilment to ensure satisfied end users.

This programme is the first of its kind in the South of the UK, allowing students to gain the knowledge, skills and competencies needed for an exciting career in the aviation and logistics industries.

The course is designed to equip students with core business and management knowledge, combined with an advanced operational understanding of aviation and logistics businesses. The final year is more strategic in focus covering sustainability issues in some depth as well as the writing of a research project.

For students that prefer to spend some time adapting to study at university level, then starting the course at Foundation Level may be just right, through a well-balanced mix of skills and subject focussed modules to help you make the transition.

The course comes with Chartered Institute of Logistics and Transport (CILT) accreditation, giving graduating students automatic recognition of the academic elements of full CILT membership.

## Programme Aims

1	Provide students with a comprehensive grounding in the operational, planning and management knowledge and skills required by employers in the dynamic aviation and logistics industries to enable them to act as effective leaders and managers in a dynamic environment
2	Foster an environment which encourages the development of: critical awareness; the ability to challenge knowledge; relate theory to practice; undertake critical analysis; and demonstrate powers of reasoning; problem-solving; synthesis; evaluation and research; adaptability; flexibility; and leadership qualities.
3	Provide an inclusive, current and versatile curriculum of study which reflects the needs of professionals in the aviation and logistics industries
4	Develop the confidence and academic skills of students, 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 the acquisition and development of a wide range of personal and transferable skills required by employers in the aviation and logistics industries including: problem-solving, self-reliance; reflection; creativity; interpersonal communication; teamwork and leadership/decision-making

## Programme Learning Outcomes

The Bucks Graduate Attributes 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. The attributes are developed through the programme.

ID	Learning Outcome
K1	Critically assess challenges and strategic options open to aviation and logistics businesses for stability, development, growth and consolidation
K2	Critically select, review and analyse evidence to construct arguments in relation to solving logistics and aviation business problems
K3	Evaluate the significance of managing the aviation supply chain in ensuring the financial wellbeing of aviation and logistics businesses
K4	Assess the different ways in which aviation and supply chain related organisations ensure service delivery and high levels of efficiency
C1	Synthesise information and ideas in order to evaluate logistical planning and strategic responses to commercial aviation challenges
C2	Present well-argued discussions of findings of investigations which demonstrate a mature appreciation of the aviation and logistics sectors
C3	Devise innovative solutions to aviation and transport business problems using a range of operational, business and management skills
S1	Critically evaluate the social and ethical consequences of aviation related consumption as well as general consumption that is facilitated by the air freight sector
S2	Identify and critically evaluate the interplay of environmental, social and economic effects and impacts arising from activities in the aviation and logistics industries
S3	Develop an understanding of ethical management of flows of supplier/customer data in what are data intensive industries
L1	Evaluate the relationships between styles and approaches to leadership and management, and the organisation, structure and operation of logistics and aviation industries.

ID	Learning Outcome
L2	Develop a refined ability for self-reflection and continuous professional development and improvement in what are fast-moving, constantly changing markets to which the aviation and logistics industries serve
L3	Undertake projects independently, demonstrating initiative and personal responsibility
L4	Demonstrate an ability to make decisions in relation to complex ideas and situations and when faced with incomplete information

## Programme Structure

Modules are mostly core (compulsory). Passing modules will reward you with academic credit. The number of credits will depend on the complexity of the module and the level of effort required, which is measured in 'notional learning hours'.

Our [Academic Advice webpages](#) provide more information on the structure of taught awards offered by the University.

## Foundation Year (for BSc (Hons) Aviation and Logistics Management with Foundation Year students only)

Code	Module Title	Credit	Core / Option	Compensable (Normally Yes)
FY026	Preparing for success knowledge and creativity	N/A	C	Yes
FY027	Preparing for success self-development and responsibility	N/A	C	Yes
FY028	Inquiry and research skills	N/A	C	Yes
FY013	Introduction to aviation tourism and events	N/A	C	Yes

## Level Four

Code	Module Title	Credit	Core / Option	Compensable (Normally Yes)
AI409	Principles of Logistics	15	C	Yes
AI410	Introduction to the Aviation Value Chain	15	C	Yes
AI402	Air Cargo Operations	15	C	Yes
AI403	Air Transport – Security and Safety	15	C	Yes
AI404	Airline and Airport Marketing	15	C	Yes
AI405	Airport Operations	15	C	Yes
AI406	Introduction to Finance and Economics	15	C	Yes
TM402	Professional Skills and Development	15	C	Yes

## Level Five

Code	Module Title	Credit	Core / Option	Compensable (Normally Yes)
AI509	Quantitative tools for Supply Chain Planning	15	C	Yes

AI510	Aviation Logistics	15	C	Yes
TM504	Employment Research and Planning	15	C	Yes
AI502	Airport Management	15	C	Yes
AI503	Airline Management	15	C	Yes
AI506	Management Leadership and Change	15	C	Yes
AI501	Research Methods	15	C	Yes
AI504	Ancillary Revenue Management	15	C	Yes

## Level Six

Code	Module Title	Credit	Core / Option	Compensable (Normally Yes)
AI601	Research Project	30	O	No
AI609	Supply Chain Procurement Strategies	15	C	Yes
AI610	Contemporary Issues in Supply Chains	15	C	Yes
AI606	Sustainability Management	15	C	Yes
AI605	Aviation Finance and Economics	30	C	Yes
AI608	The Future of the Air Transport Industry	15	C	Yes
AI602	Business and Enterprise	30	O	No

## Learning and Teaching Activities

Please see the [Academic Advice pages](#) for a description of learning and teaching activities that are recognised by the University. Detailed information on this specific programme is outlined below:

On this innovative degree programme students will be taught through a series of lectures, seminars, live briefs, site visits, workshops, case studies and study trips. Students can also take part in innovative industry based projects using simulation and will have the opportunity to present work to a professional audience. Around 30% of study time will be spent in scheduled sessions on this course.

Based at the University's High Wycombe campus, students on this course will benefit from using a simulation suite at various points during their studies. The School of Aviation also possesses dedicated subscription software packages including CAPA and FlightGlobal market intelligence and The Fresh Connection value chain experience, which all greatly assist students in their learning and in the completion of a number of assessments.

The University has a dedicated academic skills centre called the Learning and Development Unit, which can provide additional support in areas such as presentations skills, time-management, academic reading, referencing or academic writing, research for essay preparation and how to prepare effectively for examinations in addition to being assigned a personal tutor from the academic team.

## Additional Course Costs

Estimated additional course costs: Books and printing £150, Study visits up to £300 and Student Membership of CILT £20 per year.

Students should also provide their own computer for accessing distance learning materials and submitting work.

## Contact Hours

1 unit of credit is the equivalent of 10 notional learning hours. Full time undergraduate students study 120 credits (1200 hours) and full-time postgraduate students study 180 credits (1800 hours) per year or 'stage' of the course.

\*Year 3 has AI601 and AI602 as optional modules so actual number of hours varies depending on choice. Year 3 hours provided below are an estimated average between the two optional modules.

Course Stage	Scheduled Activities (Hours)	Guided Independent Study (Hours)
Foundation Year	310	890
Year One	342	858
Year Two	330	870
Year Three	300	900

## Assessment Methods

The [Assessment and Examination webpages](#) provide further information on how assignments are marked and moderated, including a description of assessment activities. These also include further information about how feedback on assessed work is provided to students, including our commitment to ensure this is provided to students within 15 working days (the 'three-week turnaround').

A varied diet of assessments will be employed including oral presentations, portfolios, case-studies, in-class tests, reports, essays and a smaller number of formal examinations. Students are also assessed on their aptitude in the use of logistical planning and simulation techniques through the course.

Your module descriptor documents and course handbooks provide full details of the assessment criteria applying to this course. All assessments have been mapped against the Bucks Graduate Attributes Framework, which can be accessed here:

[http://bucks.ac.uk/\\_\\_data/assets/pdf\\_file/0023/18185/The-Bucks-Graduate-Attributes.pdf](http://bucks.ac.uk/__data/assets/pdf_file/0023/18185/The-Bucks-Graduate-Attributes.pdf)

Feedback is normally provided on all coursework submissions within three calendar weeks. Feedback on exam performance/final dissertations is available on request after the publication of results.

## Classification

### Calculation of final award:

The calculation of this award will be as follows:  
Level 5: 33%

Level 6: 67%

For full details of assessment regulations for all taught programmes please refer to our [Results webpages](#). These include the criteria for degree classification.

## Admissions Requirements

Please see the [Application webpages](#) for more information on how to apply, including a statement on how we support students from a variety of backgrounds. Please also see our [general entry requirements](#) for taught programmes. Applicants who do not meet our published entry requirements are encouraged to contact our admissions team for further advice and guidance.

## Typical applicant profile and any programme-specific entry requirements

The course will typically require 80 UCAS points and grade 4 or above in English and Maths at GCSE level: The course is also open to students with non-standard entry qualifications, who will be assessed on a case-by-case basis.

## Opportunities for students on successful completion of the programme

It is envisaged that most students enrolling on this programme will already have developed a significant interest in the fields of aviation, transport and logistics.

Through the combination of taught and practical learning opportunities throughout the course graduates of this programme can expect to enter into graduate level future management and leadership roles with in-house and 3<sup>rd</sup> party logistics companies, large integrators, freight forwarders and brokers, airline and airport operators and their supplier companies among others.

Undergraduate students on this programme can also expect to become student members of the Chartered Institute of Logistics and Transport and upon graduation students will have fulfilled the academic requirements for full membership bringing additional professional, networking and career opportunities.

Graduating students wanting to further their studies may be interested in an MSc programme in International Aviation Regulation and Law or an MSc in Aviation Security, which are both offered by the University.

## Recognition of Prior Learning

Previous study, professional and / or vocational experiences may be recognised as the equivalent learning experience and permit exemption from studying certain modules. Please refer to our [Credit Accumulation webpages](#) for further guidance.

## Student Support

During the course of their studies, students will be supported in the following ways:

- At the start of their studies all students will receive a full **induction** to the programme which will include introduction to the staff responsible for delivering the course, and access to library and IT facilities. This induction will be based on on-line materials provided via the VLE, and will include bespoke and generic institutional material.
- The **Programme Handbook** will outline the exact nature of the course and how it is structured, including the availability of option modules
- Each student will be allocated a **Personal Tutor** who will support their academic development, be able to advise and guide them with their studies and, where necessary, give advice on study options
- Students will be able to access our full range of **On-Line support services**, including the Learning Development Unit for skills and study support, the Library, the Careers and Employability Team, Student Finance Team, and Counselling Services

## Appendices

### Quality Assurance

<b>Awarding Body:</b>	Buckinghamshire New University
<b>Language of Study:</b>	English
<b>QAA Subject Benchmark Statement(s):</b>	No aviation or logistics benchmarks. Mapped to FHEQ Framework (2008)
<b>Assessment Regulations:</b>	<i>Academic Assessment Regulations</i> , accessible via the Academic Advice webpages ( <a href="https://bucks.ac.uk/students/academicadvice">https://bucks.ac.uk/students/academicadvice</a> )
<b>Does the Fitness to Practise procedure apply to this programme?</b>	No
<b>Date Published / Updated:</b>	June 2019

### Other awards available on programme (Exit Qualifications)

Please refer to the *Academic Qualifications Framework* for Exit Qualifications recognised by the University and credit and module requirements

<b>Name of Exit Qualification:</b>	Ordinary Degree
<b>Full name of Qualification and Award Title:</b>	BSc Aviation and Logistics Management
<b>Credits requirements:</b>	300
<b>Module requirements:</b>	All 120 credits at Level 4 All 120 credits at Level 5 Plus any 60 credits from Level 6 modules except AI601/ AI602
<b>Learning Outcome</b>	
Critically assess challenges and strategic options open to aviation and logistics businesses for stability, development, growth and consolidation	
Critically select, review and analyse evidence to construct arguments in relation to solving logistics and aviation business problems	
Evaluate the significance of managing the aviation supply chain in ensuring the financial wellbeing of aviation and logistics businesses	
Assess the different ways in which aviation and supply chain related organisations ensure service delivery and high levels of efficiency	
Synthesise information and ideas in order to evaluate logistical planning and strategic responses to commercial aviation challenges	
Devise innovative solutions to aviation and transport business problems using a range of operational, business and management skills	
Critically evaluate the social and ethical consequences of aviation related consumption as well as general consumption that is facilitated by the air freight sector	



Identify and critically evaluate the interplay of environmental, social and economic effects and impacts arising from activities in the aviation and logistics industries

Develop an understanding of ethical management of flows of supplier/customer data in what are data intensive industries

Evaluate the relationships between styles and approaches to leadership and management, and the organisation, structure and operation of logistics and aviation industries

Develop a refined ability for self-reflection and continuous professional development and improvement in what are fast-moving, constantly changing markets to which the aviation and logistics industries serve

Demonstrate and ability to make decisions in relation to complex ideas and situations and when faced with incomplete information

<b>Name of Exit Qualification:</b>	<b>Diploma of Higher Education (DipHE)</b>
<b>Full name of Qualification and Award Title:</b>	<b>BSc Aviation and Logistics Management</b>
<b>Credits requirements:</b>	<b>240</b>
<b>Module requirements:</b>	<b>All 120 credits at Level 4 All 120 credits at Level 5</b>

**Learning Outcome**

Critically select, review and analyse evidence to construct arguments in relation to solving logistics and aviation business problems

Assess the different ways in which aviation and supply chain related organisations ensure service delivery and high levels of efficiency

Synthesise information and ideas in order to evaluate logistical planning and strategic responses to commercial aviation challenges

Devise innovative solutions to aviation and transport business problems using a range of operational, business and management skills

Identify and critically evaluate the interplay of environmental, social and economic effects and impacts arising from activities in the aviation and logistics industries

Develop an understanding of ethical management of flows of supplier/customer data in what are data intensive industries

Evaluate the relationships between styles and approaches to leadership and management, and the organisation, structure and operation of logistics and aviation industries

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Demonstrate and ability to make decisions in relation to complex ideas and situations and when faced with incomplete information

<b>Name of Exit Qualification:</b>	<b>Certificate of Higher Education (CertHE)</b>
<b>Full name of Qualification and Award Title:</b>	<b>BSc Aviation and Logistics Management</b>
<b>Credits requirements:</b>	<b>120</b>
<b>Module requirements:</b>	<b>All 120 credits at Level 4</b>
<b>Learning Outcome</b>	
Assess the different ways in which aviation and supply chain related organisations ensure service delivery and high levels of efficiency	
Synthesise information and ideas in order to evaluate logistical planning and strategic responses to commercial aviation challenges	
Devise innovative solutions to aviation and transport business problems using a range of operational, business and management skills	
Identify and critically evaluate the interplay of environmental, social and economic effects and impacts arising from activities in the aviation and logistics industries	
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