Programme Specification

Aviation Management and Sustainability {Double Degree} [TSI]

Version: 2023-24, v2.0, 27 Jul 2023

Contents

Section 1: Key Programme Details

Part A: Programme Information

Programme title: Aviation Management and Sustainability {Double Degree} [TSI]

Highest award: MSc Aviation Management and Sustainability

Awarding institution: Transport and Telecommunication Institute, UWE Bristol

Affiliated institutions: Transport and Telecommunication Institute

Teaching institutions: Transport and Telecommunication Institute

Study abroad: No

Year abroad: No

Sandwich year: No

Credit recognition: No

School responsible for the programme: CATE School of Engineering, College of Arts, Technology and Environment

Contributing schools: Not applicable

Professional, statutory or regulatory bodies: Not applicable

Apprenticeship: Not applicable

Mode of delivery: Full-time

Entry requirements: The University's Standard Entry Requirements apply:

-A Bachelor's Degree or above in an Engineering, Science or Business related discipline.
-English language level: B2 or above
-Result of the Latvian Centralized Examination (CE) English test is not lower than 55%
-Personal Interview

Applicants who do not meet the normal entry requirements, but who do have

relevant qualifications or professional experience, are encouraged to apply. Such applicants will be considered on a case by case basis. Applications should describe in detail professional experience and qualifications.

For implementation from: 03 January 2022

Programme code: H46C13

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: This postgraduate degree is designed to train aviation managers with an international outlook, who have acquired in-depth knowledge, skills and competences across various functional management areas pertaining to the contemporary aviation industry and who will be able to apply their knowledge to management activities in aviation-related companies for their sustainable development.

Educational Aims: The programme provides students with the opportunity to develop their skills and employability through interaction with external speakers from industry and through developing high-level skills in analysis, report-writing and communication. Graduates will be equipped to access employment in a wide variety of professional contexts, and/or to commence doctoral level study. Aviation managers are employed throughout the economy, for example; Aviation Project Manager, Aircraft Maintenance Manager, Safety Manager, Marketing Manager, Aviation   Business Analyst/Consultant, and Aviation Trade Analyst.

Programme Learning Outcomes:
On successful completion of this programme graduates will achieve the following learning outcomes.

Programme Learning Outcomes

PO1.   Interpret and critically evaluate the contribution of modern management concepts, technology, leadership, and systems thinking in response to dynamic changes in the aviation environment.

PO2.   Demonstrate skills in the application of management techniques and models to address realistic aviation challenges drawn from a variety of real-world applications. This includes derivation of effective recommendations to complex, multi-disciplinary problems.

PO3.   Demonstrate extensive knowledge of aviation management through interpretation of international and domestic regulations relevant to the aviation industry, and the legal aspects of international trade required in the aviation sector.

PO4.   Analyse contemporary developments in the aviation industry and their strategic operation and management impacts to secure sustainable development.

PO5.   Apply specific aviation concepts, ideas and theories in a variety of contexts such as operation strategy, technology innovation, project management, financial management, and strategic decision making.

Part B: Programme Structure

Year 1
The student must take 120 credits from the modules in Year 1.

Year 1 Compulsory Modules
The student must take 114 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UFMFHY-12-M	Airport Management [TSI] 2023-24	12
UFMFJY-6-M	Data Analysis [TSI] 2023-24	6
UFMFKY-6-M	Decision Making Methodologies [TSI] 2023-24	6
UFMFUY-6-M	Economy, International Business and Sustainability [TSI] 2023-24	6
UFMFVY-6-M	Financial Management in a Sustainable Context [TSI] 2023-24	6

UFME7L-18-M	Industry Work Experience [TSI] 2023-24	18
UFMFMY-6-M	Legal Aspects of International Trade and Aviation [TSI] 2023-24	6
UFME11-12-M	Management of Aircraft Maintenance [TSI] 2023-24	12
UFMFLY-6-M	Project Management [TSI] 2023-24	6
UFME31-6-M	Quality and Safety Management in Aviation 2023-24	6
UFMFNY-6-M	Research Seminar [TSI] 2023-24	6
UFMFRY-12-M	Strategic and Change Management in Aviation [TSI] 2023-24	12
UFME41-6-M	Strategic Human Resources Management and Leadership 2023-24	6
UFME51-6-M	Sustainable Supply Chain Management and Multimodality 2023-24	6

Year 1 Optional Modules
The student must take 6 credits from Optional modules

Module Code	Module Title	Credit
UFMFPY-6-M	Aerospace Risk Management [TSI] 2023-24	6
UFMFQY-6-M	Marketing Management [TSI] 2023-24	6
UFMFSY-6-M	Sustainable Engineering for Global Challenges [TSI] 2023-24	6

Year 2
The student must take 120 credits from the modules in Year 2.

Year 2 Compulsory Modules
The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UFMFTY-60-M	Masters Thesis [TSI] 2024-25	60
UFME7H-60-M	Placement [TSI] 2024-25	60

Part C: Higher Education Achievement Record (HEAR) Synopsis

The programme is aimed at postgraduate students who are able to apply their professional management knowledge and skills in an aviation context.

A successful graduate will be highly analytical, strategic and able to provide leadership in the way they articulate their knowledge in the context of 21st century global challenges facing multinational aviation organisations and SMEs. On completion, graduates will have experienced individual and group projects, demonstrating an ability to work independently and in a team. Graduates will be professionals who understand their strengths and able to work across different business cultures and manage complex international relationships. Graduates from this programme will also be equipped to work in multi-disciplinary teams, able to critically appraise existing ideas and practice and produce creative solutions to engineering problems.

Part D: External Reference Points and Benchmarks

UK:

QAA UK Quality Code for HE

Framework for higher education qualifications (FHEQ)

Strategy 2030

University regulations and procedures

Latvia:

European Higher Education Area (EHEA)

European Qualifications Framework (EQF)

Latvian Qualifications Framework (LQF)

Part E: Regulations

Approved variant to University Academic Regulations and Procedures

https://www.uwe.ac.uk/study/academic-information/regulations-and-procedures