

Aviation Management

Certificate Program – CP
2 Semesters, part-time

www.donau-uni.ac.at/aviationmanagement





Take off to your future career

Aviation connects people all over the globe and delivers products wherever they are needed. However, aviation is an industry exposed to severe risks because of its complexity, its global reach, its effects on the climate and its dependency on technical and technological developments. In order to master these challenges, today's and future aviation leaders and experts need a solid academic and industry-specific education.

The Certificate Program "Aviation Management" is one of the very few of its kind in Europe. It consists of special modules on Aviation Management and bridges scientific knowledge with practice. It fosters a systemic view of the industry by addressing all main business sectors of Aviation.

Students enrolled for the Certificate Program can later also enroll for the MBA Program "Aviation Management". Students completing the Certificate Program as a component of the MBA Program must meet the admissions requirements for the MBA Program.

Overview

Modular Structure

5 Specialization Modules "Aviation Management" (24 ECTS)

Module 1 (6 ECTS)

Managing within the Legal Framework,
Digitalization and Future Developments

Module 2 (6 ECTS)

Managing an Airline

Module 3 (6 ECTS)

Managing an Airport

Module 4 (3 ECTS)

Managing Air Traffic Control and its Operations

Module 5 (3 ECTS)

Sustainable Aviation Management, Innovation
and System Risks



Study Contents

Specialization modules offer state-of the art industry-specific knowledge, know-how and the mindset for the next Aviation generation.

- > Montreal Convention, Passenger Rights
- > ICAO, EASA, EU Aviation Policy
- > Airline Cooperation Concepts
- > Digitalization, Airline Start-up and Business Aviation
- > Airline Financial Management and Performance Measurement
- > Business Models, Competitive Strategies and Business Planning
- > Airline Managing People
- > Aeronautical and Commercial Functions of Airports
- > Airport Financials, Capacity Management
- > Slot Management, Sustainable Airports and Intermodality
- > Fundamentals of ATM and ATC and Cost Base
- > European Air Traffic Flow Management
- > Climate Change, Carbon Accounting, Noise Management
- > Innovation Competences
- > Aviation Cybersecurity, System Risks and Insurance

The Program

The focus of the scientific-based Certificate Program lies on imparting Aviation Management knowledge with a strong practical orientation. It aims to find answers for the essential and most pressing managerial and economic questions confronting the aviation industry – be it Airlines, Airports, Air Traffic Management, Aircraft Manufacturers or international Aviation Organizations. The Program is intended to make an essential contribution to the students' professional and leadership development and to help them cope with the daily challenges of their careers.

The modules of the part-time program are taught in English over the period of one year. A fixed schedule stretching over two semesters will be announced before the Program starts.

The evaluation of the student's learning process will be based on written coursework after each module and/or by assessing the student's participation in group works, discussions and presentations.

Qualification Profile

Graduates of the Certificate Program "Aviation Management" are enabled to:

- > Observe the requirements of the legal framework and relevant international regulations pertaining to the Aviation industry;
- > outline economically and technologically relevant developments in aviation and different business models of airlines;
- > be able to name the basic principles of corporate financing of an airline as well as investment appraisal and apply their methods on the basis of practical examples;
- > apply methods and instruments to measure the performance of airlines;
- > formulate strategic and operational functions of an international airport and analyze airport capacity planning and slot management concepts;
- > argue principles, structures and operations of European air traffic management;
- > discuss measures for measuring and implementing sustainability in aviation and structure innovation potentials and system risks in international aviation.



Accreditation



Aviation Management

Quick Facts

Degree
Certificate Program – CP

Language
English

Location
University for Continuing Education Krems or another venue abroad – depending on the Business School cooperations in business and academia

Duration
23 days onsite

ECTS Points
24

Fees
EUR 6,900 (the fees do not include any taxes, travel or accommodation costs)

Learning Format
Blended Learning (combination of on-campus learning and distance learning)

Target Group
The Aviation Management curriculum attracts Aviation professionals who have qualified working experiences in the Aviation sector, be it as business managers, engineers, operations managers, pilots, legal experts or experts working in an international Aviation organization.

Admission Requirements

- > Students who have an Austrian or equivalent foreign university degree of any relevant higher education studies of any subject (at least a Bachelor-degree) and a minimum of two years of professional experience **or**
- > Students with a general university entrance qualification and at least 6 years of relevant professional experience in an appropriate position if this experience results in a qualification equivalent to a university degree **or**
- > at least ten years of relevant professional experience in an appropriate position, **and**
- > English language skills C1
- > All entry qualifications will be assessed within the framework of an admission procedure.

What are the reasons to study “Aviation Management” at Danube Business School?

- > The Aviation Management Program has forged a reputation in the Aviation industry through its solid academic Aviation specialization and its links to managers working in the aviation industry through our renowned faculty and our alumni network.
- > The blended learning concept, the quality of teaching and the small class sizes make us stand out.
- > We provide a unique learning environment where students are encouraged to develop their personality, creativity and skills as next generation leaders.
- > Our state-of-the-art industry-program has allowed us to instill an enterprising culture into our modules which has resulted in the Business School's reputation as being focused on professionally experienced and motivated students from an academic point of view.
- > Being accredited by ACBSP and being a member of PRME stand for a permanent supervision of the curriculum.
- > Our graduates are highly appreciated in the Aviation industry, be it the private or the public sector.

Program Directors

Dr. **Doris Burger**
Department for Management and Economics

Prof. Dr. **Wolf Müller-Rostin**
Academic Coordinator



The University for Continuing Education KREMS specializes in academic continuing education for working professionals. As a public university for continuing education, it works with its expertise in research and teaching to overcome societal challenges and tailors its study programs to address them. The continuing education study programs cover ten fields of study and meet the specific requirements of students with work experience. With over 7,500 students coming from 90 countries, the University for Continuing Education KREMS combines its many years of experience in university-based continuing education with innovation to provide outstanding quality in research and teaching at an international level. The University holds the AQ Austria quality seal. Situated 60 km from Vienna in the alluring world heritage region Wachau, Campus KREMS is a highly attractive location.

Information und Application

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