P??S-GRADUA????O

POSTGRADUATION

GEST??O DA COMPLEXIDADE EM AVIA????O

Direction

Comte. Jo??o Moutinho (Appla) | Prof. Doutor Ant??nio Pimenta De Brito (Ulus??fona)

Years | ECTS

0.5 Anos | 30 ects

UNIVERSIDADE LUSÓFONA

CENTRO UNIVERSITÁRIO LISBOA

Presentation

The Graduate Program in Aviation Complexity Management, offered by Lus??fona University in partnership with APPLA- Associa????o Portuguesa de Pilotos de Linha A??rea is designed for professionals in the aviation sector who work in highly demanding and uncertain environments. The program combines theoretical foundations with practical application, addressing risk, business continuity, strategic intelligence, human factors, and emerging technologies, including artificial intelligence. Through innovative methodologies, simulations, and real-world case studies, the program aims to develop skills in decision-making, leadership, and the management of complex systems, thereby strengthening organizational resilience and the ability to respond to current and future challenges in aviation.

1st Year | No Branch Name

Anual	ects
Business Continuity Management, Customer Service, and Operations	3
Complexity Science in Management	3
Cybersecurity and Protection of Critical Aviation Infrastructure	3
Data Science Applied to Decision Making and Risk Management	3
Human Factors, Teamwork, and Decision-Making in Critical Systems	3
Leadership in High-Reliability and High-Consequence Environments	3
Management of Technological Complexity and Digital Transformation in Aviation	3
Managing Geopolitical Complexity and Global Supply Chains in Aviation	3
Risk Management, Strategic Intelligence, and Scenario Planning	3
Sustainability, Energy Transition, and Regulatory Pressures	3

FAZER NOVOS FUTUROS

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