



ICAO



Advanced Masters Program in Aviation Safety Management (ASM)

In line with the strategic objectives set by the ICAO Global Aviation Safety Plan and Roadmap, the joint ICAO/ENAC Advanced Master's programme in Aviation Safety Management aims at training Safety Managers. This Programme helps to disseminate a thorough knowledge of the principles, strategic objectives, standards and recommended practices applying to Aviation Safety and develop the necessary skills for an effective implementation of aviation safety plans at various levels among all stakeholders of the aviation community.

This programme contributes to diffusing a more widespread safety culture among the Next Generation Aviation Professionals (NGAP), helping to build capacity within the framework of the No Country Left Behind (NCLB) programme and in the end improving global Aviation Safety records in the long run.

▶ LEARNING OBJECTIVES

- Upon completion of the programme, graduates will have gained a broad knowledge of the current situation, challenges and perspectives of Aviation Safety worldwide.
- They will have acquired the necessary skills to implement an effective Safety Management System in their own organization as well as among other aviation operators and at a State level.

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▶ TARGET POPULATION

Primarily targeting higher and mid-level managers within state authorities and aviation operators (airlines, airports, ANSP,...), this Advanced Master's programme is mainly designed for those who want to consider positions such as Safety Managers and more generally any manager involved in Aviation Safety Management. This programme is accredited by the prestigious French Conference des Grandes Ecoles (CGE).

▶ STRUCTURE

The Aviation Safety Management Master's programme consists of 12 teaching modules:

- ASM1: Introduction: Why Safety Management Systems (SMS)
- ASM2: What is SMS? How to implement it
- ASM3: Air Transport System
- ASM4: Safety Risk Management
- ASM5: State Safety Programme (SSP)
- ASM6 a & b (2 modules): Implementation of a SMS in an airline
- ASM6 c: Implementation of a SMS in an Aviation Training Organization (ATO)
- ASM6 d: Implementation of a SMS in an Aircraft Maintenance Organization (AMO)
- ASM6 e: Implementation of a SMS in an Air Navigation Services Provider (ANSP)
- ASM6 f: Implementation of a SMS in an airport
- ASM7: Safety Risk Management at Air Transport System level

▶ DURATION

The ASM Master's programme is taught on a part-time basis. The final part of the programme is a 6 months internship leading to a thesis written report and a presentation in front of a jury.

▶ TEACHING LANGUAGE

English



Visit our website for more information at www.icao.int/training
or email us at AviationTraining@icao.int

You can also contact us on Facebook at www.facebook.com/globalaviationtraining