MSc in Aeronautical Engineering – Course Schedule

Students are required to complete a total of 30 credits of coursework, including at least 12 credits of foundation courses and 6 credits of elective courses.

**Tentative** course offering schedule:

2021-22 Fall Term

- AESF 5210 Fluid Dynamics*
- AESF 5310 Advanced Aerodynamics*
- AESF 5320 Advanced Aircraft Structures*
- AESF 5330 Advanced Aircraft Design*
- AESF 5930 Finite Element Methods
- AESF 6910O Hong Kong Airworthiness
- AESF 6910U Nondestructive Evaluation for Aerospace Structures (RVC)

2021-22 Spring Term

- AESF 5050 Fracture Behavior of Polymers
- AESF 5350 Aircraft Propulsion*
- AESF 5380 Computational Fluid Dynamics
- AESF 5630 Avionics Technology
- AESF 6910J Airport Risk and Business Continuity Management
- AESF 6910K Airline Marketing
- AESF 6910N Strategic Sourcing and Contract Administration in Aircraft Maintenance
- AESF 6910Q Aerospace Materials and Applications
- AESF 6910R Aircraft Certification - A Practical Approach
- AESF 6910S Managing Helicopter Operations and Maintenance
- AESF 6910T Commercial Airline Operations Considerations

* Foundation course

**Courses are offered subject to needs and availability.**

For course details, please refer to:

![Course Catalog](image-url)