IDDP Study Plan (single degree)

Study Plan

B.Eng. in Aerospace Engineering Program (Single Degree)

for Students Entering in Year 2022–2026 (Code 65–69)

Year 1 at KU [50]	Year 2 at KU [43]	Year 3 at KU [38]	Year 4-5 (1.5 yrs) at RMIT [144]
General Education [17]	General Education [5]	Mechanical Engineering Lab [1]	STEM Found. [12]
Organization Management [3]	Principles of Accounting [3]	Mechanics of Machinery [3]	Aerospace Design Principles [12]
Organization Behavior [3]	Business and Social Responsibilities [3]	Aircraft Structures II [3]	Aerospace Design Project [12]
Engineering Maths I & II [6]	Applied Maths in Aerospace Eng. [3]	Aircraft Vibration [3]	Aerospace Finite Element Methods [12]
General Physics and Lab [4]	Introduction to Data Analysis [1]	Heat Transfer [3]	Engineering Capstone Project Part A [12]
General Chemistry and Lab [4]	Electrical Engineering Lab [1]	Fundamentals of Aerodynamics [3]	Engineering Capstone Project Part B [12]
Computer Programming [3]	Engineering Mechanics I [3]	Aircraft Conceptual Design [3]	Engineering MINOR 1* [12]
Engineering Drawing [3]	Materials & Manufacturing Processes [3]	Aerospace Engineering Lab [1]	Engineering MINOR 2* [12]
Introduction to Electrical Engineering [3]	Aerothermodynamics [3]	Manufacturing Process of Aircraft Materials [3]	Engineering MINOR 3* [12]
Introduction to Aircraft Technology [3]	Aircraft Aerodynamics and Performance [3]	Aircraft Stability and Control [3]	Engineering MINOR 4* [12]
Workshop Practices [1]	Dynamics in Aerospace Engineering [3]	Space Flight [3]	Elective 1 [12]
	Unmanned Aircraft Systems [3]	Aircraft Mechanical Design [3]	Elective 2 [12]
	Aircraft Structures I [3]	Automatic Flight Control I [3]	Click to see elective lists
	Aerothermodynamics of Aircraft Engines [3]	Air Conditioning and Pressurization Sys. [3]	
	Fundamentals of Fluid Dynamics [3]	240-hr. Internship	

*** Engineering Minor Lists**:

Aircraft Technologies	Spacecraft Technologies	Aviation Industry	Computational Eng. & Simulation	Humanitarian Innovation
Computational & High-Speed Aerodynamics	Signal, Systems and Space Communication	Airport Design	Computational Engineering	Humanitarian Experiential Learning Project
Aerospace Materials & Manufacturing	Geodesy and Satellite Nav. Sys.	Aircraft Airworthiness	Robotics	Fundamentals of Humanitarian Innovation
Aerospace Structures Studio	Spaceflight Systems Design	Unmanned Aerial System Operations	Computational Fluid Dynamics	Global Development, Themes, Debates, and Practices
Aeronautics Innovation Lab	Space Innovation Lab	Incident and Accident Investigation	Advanced Computer Aided Design	Engineering for Disaster Management, Community, Resilience, and Climate Action

* This study plan may be adjusted to response RMIT study plan updates