

# DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE

Ciclo 2022

Corso di Laurea Magistrale In  
Aerospace Engineering –LM52

DM 270/04

BRINDISI



SSD	MODULO	CFU	SEM	TAF
<b>I Anno – A.A. 2022/2023</b>				
<b>CURRICULUM AEROSPACE DESIGN</b>				
ING-IND/06	FLUID DYNAMICS (MOD 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/03	FLIGHT MECHANICS (MOD. 2) C.I.	6	I	CARATTERIZZANTE
MAT/07	MATHEMATICAL AND NUMERICAL METHODS IN AEROSPACE ENGINEERING, WITH LABORATORY	6	I	AFFINE
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
<b>TOTAL CREDITS I SEMESTER</b>		<b>24</b>		
<b>CURRICULUM AEROSPACE TECHNOLOGY</b>				
ING-IND/06	FLUID DYNAMICS (MOD 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/03	FLIGHT MECHANICS (MOD. 2) C.I.	6	I	CARATTERIZZANTE
MAT/07	MATHEMATICAL AND NUMERICAL METHODS IN AEROSPACE ENGINEERING, WITH LABORATORY	6	I	AFFINE
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
<b>TOTAL CREDITS I SEMESTER</b>		<b>24</b>		
<b>CURRICULUM AEROSPACE SYSTEMS</b>				
ING-IND/32	ELECTRICAL ENERGY FOR AEROSPACE: GENERATION AND POWER MANAGEMENT (MOD. 1) C.I.	6	I	AFFINE
ING-IND/21	ELECTRICAL ENERGY FOR AEROSPACE: STORAGE (.MOD.2) C.I.	3	I	AFFINE
ING-IND/04	AEROSPACE STRUCTURES AND CERTIFICATION (MOD. 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/05	SPACE MISSION PROJECT AND SYSTEMS (MOD. 2) C.I.	6	I	CARATTERIZZANTE
ING-INF/03	RADAR SYSTEMS	6	II	AFFINE
<b>TOTAL CREDITS I SEMESTER</b>		<b>27</b>		
<b>CURRICULUM AEROSPACE DESIGN E CURRICULUM TECHNOLOGY</b>				
ING-IND/15	COMPUTER AIDED DESIGN FOR AEROSPACE APPLICATIONS	6	II	CARATTERIZZANTE
<b>ESAMI COMUNI AI TRE INDIRIZZI</b>				
ING-IND/07	AERONAUTIC PROPULSION ( <i>mod. 1</i> ) c.i.	6	II	CARATTERIZZANTE
ING-IND/07	SPACE PROPULSION ( <i>mod. 2</i> ) c.i.	6	II	CARATTERIZZANTE
ING-IND/06	AERODYNAMICS (MOD. 1) C.I.	6	II	CARATTERIZZANTE
ING-IND/03	ATMOSPHERIC AND SPACE FLIGHT DYNAMICS (MOD. 2) C.I.	6	II	CARATTERIZZANTE
<b>TOTAL CREDITS II SEMESTER</b>		<b>30/24</b>		
<b>TOTAL CREDITS I YEAR</b>		<b>54/51</b>		
<b>II Anno – A.A. 2023/2024</b>				
ING-IND/04	AEROSPACE STRUCTURES	9	I	CARATTERIZZANTE
<b>CURRICULUM AEROSPACE DESIGN</b>				

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ING-IND/09	AIRCRAFT POWERPLANT NEW CONCEPTS, CONTROL AND MAINTENANCE C.I.	9	I	AFFINE
ING-IND/16	FUNDAMENTALS OF AEROSPACE TECHNOLOGIES C.I.	3	I	AFFINE
ING-IND/21	METALLIC MATERIALS FOR AERONAUTICS	9	II	AFFINE
ING-IND/03	AIRCRAFT DESIGN	9	II	CARATTERIZZANTE
	"electives": students are obliged to choose courses held in english for master degrees.	9	II	
<b>CURRICULUM AEROSPACE TECHNOLOGY</b>				
ING-IND/09	AIRCRAFT POWERPLANT NEW CONCEPTS, CONTROL AND MAINTENANCE C.I.	9	I	AFFINE
ING-IND/16	FUNDAMENTALS OF AEROSPACE TECHNOLOGIES C.I.	3	I	AFFINE
ING-IND/24	PROCESSING AND PROPERTIES OF COMPOSITE MATERIALS FOR AERONAUTICS	9	II	AFFINE
ING-IND/16	ADVANCED TECHNOLOGIES AND ADDITIVE MANUFACTURING FOR AEROSPACE	9	II	AFFINE
	"electives": students are obliged to choose courses held in english for master degrees.	9	II	
	<b>TOTAL CREDITS II SEMESTER</b>	<b>27</b>		

<b>CURRICULUM AEROSPACE SYSTEMS</b>				
ING-IND/35	SPACE ECONOMY	6	I	AFFINE
ING-INF/04	ROBUST CONTROL AND FLIGHT CONTROL (MOD 1)	6	I	AFFINE
ING-INF/05	EMBEDDED AND CERTIFIED SOFTWARE (MOD 2)	6	I	AFFINE
ING-IND/09	AIRCRAFT POWERPLANT NEW CONCEPTS, CONTROL AND MAINTENANCE	9	I	AFFINE
ING-INF/01	AVIONIC SYSTEMS	6	II	AFFINE
	"electives: students are obliged to choose courses held in english for master degrees.	9	II	
	<b>INTERNSHIP/TRAINING</b>	<b>6</b>	<b>II</b>	
	<b>FINAL EXAM</b>	<b>12</b>	<b>II</b>	
	<b>TOTALE CREDITS II YEAR</b>	<b>66</b>		
	<b>TOTAL CREDITS</b>	<b>120</b>		